EXHIBIT 44

1	IN THE UNITED STATES DISTRICT COURT
2	FOR THE DISTRICT OF COLUMBIA
3	
4	AMERICAN SOCIETY FOR TESTING
5	AND MATERIALS d/b/a ASTM
6	INTERNATIONAL; NATIONAL FIRE
7	PROTECTION ASSOCIATION, INC.,;
8	and AMERICAN SOCIETY OF HEATING,
9	REFRIGERATING, AND AIR-CONDITIONING
10	ENGINEERS, INC.
11	Plaintiffs, CIVIL ACTION FILE
12	vs. NO. 1:13-CV-01215-EGS
13	PUBLIC.RESOURCE.ORG, INC.,
14	Defendant.
15	
16	30(b)(6) VIDEOTAPED DEPOSITION OF
17	STEVEN COMSTOCK
18	March 5, 2015
19	10:20 a.m.
20	1075 Peachtree Street
21	Suite 3625
22	Atlanta, Georgia 30309
23	Lee Ann Barnes, CCR-1852, RPR, CRR
24	
25	PAGES 1 - 199
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	rage i

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2 3 On behalf of the Plaintiff American Society of	2 WITNESS: STEVEN COMSTOCK	
Heating, Refrigerating, and Air-Conditioning	3 EXAMINATION PAGE	
4 Engineers, Inc :	-	
KING & SPALDING LLP	By Mr. Bridges 8	
5 ANTONIO E LEWIS, ESQ 100 N Tryon Street	4	
6 Suite 3900	5	
Charlotte, North Carolina 28202	6	
7 704 503 2583	7	
704 503 2622 (facsimile)		
8 alewis@kslaw.com 9	8	
On behalf of the Plaintiff National Fire Protection	9	
10 Association, Inc :	10	
11 MUNGER TOLLES & OLSON LLP	11	
THANE REHN, ESQ (via telephone) 12 560 Mission Street		
27th Floor	12	
13 San Francisco, California 94105	13	
415 512 4000	14	
14 thane rehn@mto com 15	15	
On behalf of the Plaintiff American Society for		
16 Testing and Materials d/b/a ASTM International:	16	
17 MORGAN LEWIS & BOCKIUS	17	
JORDANA S RUBEL, ESQ (via telephone)	18	
18 J KEVIN FEE, ESQ (via telephone)1111 Pennsylvania Ave , NW	19	
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20 202 739 3001 (facsimile)	21	
jrubel@morganlewis.com	22	
21 jkfee@morganlewis.com 22	23	
23	24	
24		
25	25	
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On behalf of the Defendant Public.Resource.Org:	Exhibit Description Page	
3 FENWICK & WEST LLP	3 Exhibit 1076 Defendant's Amended Notice 9	
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ANDREW P. BRIDGES, ESQ.	ASHRAE	
4 MATTHEW B. BECKER, ESQ.	5	
555 California Street	Exhibit 1077 Technical Proposal 52	
5 San Francisco, CA 94104	Exhibit 1078 E-mail Chain 67	
415.875.2300	7	
6 415.281.1350 (facsimile)	Exhibit 1079 Terms of Use for ASHRAE org 101	
abridges@fenwick.com	8 Website 9 Exhibit 1080 E-mail Chain 111	
7 mbecker@fenwick.com	10 Exhibit 1081 Multiple User License 112	
8	11 Exhibit 1082 Copyright License and 118	
9	Distribution Agreement	
10 Also Present:	12 Exhibit 1083 E-mail Chain 122	
Carl Malamud (via telephone)	13	
11 Spencer Bush, Videographer	Exhibit 1084 E-mail Chain 123	
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Exhibit 1097 Copyright Permission 151	4 Article 8.B of the Rules and Regulations of the
5 Request	5 Board of Court Reporting of the Judicial Council
6 Exhibit 1098 E-mail Chain 151	6 of Georgia.)
7 Exhibit 1099 E-mail Chain 152 8 Exhibit 1100 E-mail Chain 157	7
9 Exhibit 1101 E-mail Chain 158	8 VIDEOGRAPHER: This is the beginning of the
10 Exhibit 1102 E-mail Chain 161	 9 videotaped the 30(b)(6) videotaped deposition
11 Exhibit 1103 E-mail Chain 163 12 Exhibit 1104 E-mail Chain 167	10 of Steven Comstock. Today's date is March 5,
13 Exhibit 1105 Membership Dues Revenue 171	11 2015, and the time on the video record is
14 Exhibit 1106 Life-To-Date Sales for 90 1 171	12 10:20 a m.
15 Exhibit 1107 Projected Revenue 174 16 Exhibit 1108 Sales by Customer Type L 178	
17 Exhibit 1109 Sales by Customer Type 179	13 Would counsel please introduce themselves
Report	14 for the record.
18 Exhibit 1110 E-mail Chain 180	15 MR. BRIDGES: This is Andrew Bridges and
19	16 with me is Matthew Becker of Fenwick & West of
Exhibit 1111 E-mail Chain 183	17 San Francisco, representing the defendant
20 Exhibit 1112 E-mail Chain 184	18 Public.Resource.Org. And also participating or
21	19 listening in by telephone is Carl Malamud.
Exhibit 1113 Letter dated 4/19/10 186	20 MR. LEWIS: Antonio Lewis, King & Spalding,
22 Exhibit 1114 E-mail Chain 188	21 on behalf of plaintiff American Soci Society
23	22 of Heating, Refrigerating Refrigeration, and
Exhibit 1115 Various Reprint Requests 189	23 Air-Conditioning Engineers, Incorporated.
24 Exhibit 1116 E-mail Chain 190	24 VIDEOGRAPHER: And counsel on the phone?
25	25 MS. RUBEL: Jordana Rubel, Morgan from
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1 INDEX TO EXHIBITS	1 Morgan, Lewis & Bockius, here representing
2 Defendant's	2 American Society for Testing and Materials.
Exhibit Description Page	3 MR. REHN: And Thane Rehn from the Munger
3	
Exhibit 1117 E-mail Chain 191	4 Tolles & Olson law firm, representing the
4	5 National Fire Protection Association.
Exhibit 1118 E-mail Chain 192	6 MR. BRIDGES: I think that's everybody.
5	7 VIDEOGRAPHER: Will the court reporter
6	
7	8 please swear in the witness.
	8 please swear in the witness.9 STEVEN COMSTOCK, having been first duly sworn,
8	1
8 9	9 STEVEN COMSTOCK, having been first duly sworn,
8 9 10	9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows:
8 9 10 11	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES:
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8 9 10 11 12 13	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning.
8 9 10 11 12 13 14	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE?
8 9 10 11 12 13 14 15	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years.
8 9 10 11 12 13 14 15 16	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title?
8 9 10 11 12 13 14 15 16 17	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education.
8 9 10 11 12 13 13 14 15 16 17 18	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education. 19 Q. How long have you had that title?
8 9 10 11 12 13 13 14 15 16 17 18 19 19	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education.
8 9 10 11 12 13 13 14 15 16 17 18 19 20	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education. 19 Q. How long have you had that title?
8 9 10 11 12 13 13 14 15 16 17 18 19 20 21 21	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education. 19 Q. How long have you had that title? 20 A. The I was director of publications and
8 9 10 11 12 13 13 14 15 16 17 18 19 20 21 22	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education. 19 Q. How long have you had that title? 20 A. The I was director of publications and 21 communications in 1985, and then the education 22 component was added I'm going to guess now that
8 9 10 11 12 13 13 14 15 16 17 18 19 20 21 22 23 23	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education. 19 Q. How long have you had that title? 20 A. The I was director of publications and 21 communications in 1985, and then the education 22 component was added I'm going to guess now that 23 was probably about 2000.
8 9 10 11 12 13 13 14 15 16 17 18 19 20 21 22 23 24	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education. 19 Q. How long have you had that title? 20 A. The I was director of publications and 21 communications in 1985, and then the education 22 component was added I'm going to guess now that 23 was probably about 2000. 24 Q. Have you ever had your deposition taken
$ \begin{array}{c} 8\\ 9\\ 10\\ 11\\ 12\\ 13\\ 14\\ 15\\ 16\\ 17\\ 18\\ 19\\ 20\\ 21\\ 22\\ 23\\ \end{array} $	 9 STEVEN COMSTOCK, having been first duly sworn, 10 was examined and testified as follows: 11 EXAMINATION 12 BY-MR. BRIDGES: 13 Q. Good morning, Mr. Comstock. 14 A. Good morning. 15 Q. How long have you worked for ASHRAE? 16 A. A little bit over 40 years. 17 Q. What's your current title? 18 A. Director of publications and education. 19 Q. How long have you had that title? 20 A. The I was director of publications and 21 communications in 1985, and then the education 22 component was added I'm going to guess now that 23 was probably about 2000.

3 (Pages 6 - 9)

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1	A. Yeah, about 12 years ago I had one taken.	1	public access to some of its standards?
2	Q. Is that the only deposition?	2	A. We were actually hoping to increase our
3	A. That's the only one.	3	sales of those standards. It would be to the to
4	Q. What kind of case did that involve?		allow somebody to view those standards, but not be
5	A. That was a personnel matter for our	5	able to download those standards or print those
6	organization.	6	standards. So that would drive demand for those
7	Q. Did you testify at trial?	7	for those standards.
8	A. No, I did not.	8	Q. What was ASHRAE's experience in that
9	Q. Did you have a chance to meet with	9	regard?
	Mr. Lewis or other counsel before this deposition to	10	A. It was our experience was that it was
11	prepare for the deposition?		relatively flat. It didn't have seem to have much
12	A. Yes, I did.		of a positive impact, nor in in that case did it
13	Q. I'll ask you to look at Exhibit 1076	13	seem to have a negative impact.
14	(Defendant's Exhibit 1076 was marked for	14	Q. Does ASHRAE have information about how many
15	identification.)		persons have accessed the standards in its reading
16	Q. (By Mr. Bridges) which is Defendant's	16	room?
	Notice of 30(b)(6) deposition of ASHRAE. Please take	17	A. We did. We changed the the the
	a look at it, Mr. Comstock.		software platform from which they were made available
19	Do you understand that you are here today		for viewing. We originally used we originally
20	testifying as a representative of ASHRAE on Topics 4,		used a RealRead vendor-supplied system and then we
21	5, 7, 8, 9, 10, 12, 13, 14, 18, 23, 24, 30, and 31?		went they went out of business, I believe, and
22	A. Yes, that's my understanding.	22	then we switched to iWrapper.
23	Q. When did ASHRAE start providing a reading	23	But I I know for certain when we were
24	room for public access to ASHRAE's standards?	24	with RealRead, we would track the views. There was
25	A. We made selected standards available for	25	no registration so we wouldn't know who those people
	Page 10		Page 12
1	read-only access, and I believe that was about 15	1	were, but we did track views.
2	years ago. I don't have the exact date. It was in	2	11 , ,
3	that that range of time.	3	now, but I know for certain it was done with
4	Q. How did ASHRAE select what standards to	4	RealRead.
5	make available?	5	Q. Do you recall any statistics regarding the
6	A. These are our our most popular	6	number of accesses of various standards?
7	standards, the ones for which there was the greatest	7	A. I the the the most prominent of
8	demand.	8	those standards was 90.1, and I think if my
9	Q. How many standards strike that.		recollection is correct, I believe maybe 40-, 45,000
10	How many current standards does ASHRAE	10	views of the 2010 version of that that that
11	publish?	11	standard over the course of the time it was made
12	A. I don't have the exact number. My	12	available.
13	recollection would be in the neighborhood of of	13	· ·
14	75.	14	effect of the public access to the 90.1 standard was
15	Q. How many of those standards are on ASHRAE's	15	somewhere between nothing and minimal?
16	reading room available to the public now?	16	A. That's
17	A. At the current time, I believe there are 10	17	MR. LEWIS: Object to the form.
18	of those standards available.	18	Q. (By Mr. Bridges) You can answer.
19	Q. Does ASHRAE also make available through its	19	A. I didn't see much of an impact one way or
20	reading room earlier versions of those 10 standards?	20	the other.
	A. We provide we provide the current	21	Q. Does ASHRAE still sell earlier versions of
21		22	its current standards?
	versions of those standards.	22	
	versions of those standards. Q. But not the earlier versions?	23	A. Yes.
22			
22 23	Q. But not the earlier versions?	23	Q. How much strike that.

4 (Pages 10 - 13)

		-	
1	ASHRAE gain from either sale or licensing of its	1	say, are in the 1.5 to \$1.7 million range.
2	standards for persons to either own or have access	2	What amount of that or what percentage of
3	to?	3	that would be older versions?
4	A. It will vary a little depending upon where	4	MR. LEWIS: You have to let him finish the
5	documents are in in their various revision cycles.	5	question. Object to form.
6	Looking at a little more granul	6	THE WITNESS: Then then that would be
7	granular level to build that, it would be 300- to	7	if I had to make a guess, it would be somewhere
	\$500,000 in print sales, another 300- to 400,000 in	8	between 5, 8 percent.
	PDF sales, and then it it may be as much as	9	Q. (By Mr. Bridges) And what do you base that
	from standards component, maybe \$800,000 in in		estimate on?
	in in royalties network-type sales and another	11	A. I would base that on my having to make a
	20,000 in CD sales.		approve print runs. Typically, what happens is when
13	So if you add those up, that would be about		we run out of inventory and we have to replace,
	the the total, with some variation depending upon		replenish our inventory, those requests go through my
	the the year where we are in the revision		office. So that's that's something I would
	cycle.		routinely see.
17	Q. That sounds to me like somewhere between	17	Q. How does ASHRAE decide strike that.
	1.5 and \$1.7 million in your total?	18	Are you familiar with the concept of either
19	A. That soun that sounds accurate.		adoption or incorporation of standards into law or
20	Q. You said it depends on where ASHRAE is in		regulation?
	the revision cycle.	21	A. I'm not I'm not extremely knowledgeable
22	By that, you're referring to the fact that		about that. I have a passing understanding of that
	ASHRAE, like other standards development		that I would have in my role as the publications
	organizations, updates standards every few years; is		director, but that is a process I don't personally
25	that correct?	25	engage in for ASHRAE.
	Page 14		Page 16
1	A. That's correct.	1	Q. But you understand that some standards of
2	Q. How does the revision cycle affect ASHRAE's	2	standards development organizations get adopted or
3	sales?	3	incorporated into law and others do not get adopted
4	A. There is an increase within the the	4	or incorporated
5	first year of a revision cycle and then there'll be	5	A. I do.
6	a a a dropoff. However, there still	6	Q into law; right?
	continues to be demand for the for the the	7	Are you familiar with which ASHRAE
	the previous editions, which is why we sell them.	8	standards are incorporated into law?
9	So I don't know the exact nature of that,	9	A. I am not. I know some are.
	but there does there is a a jump that we would	10	Q. Do you know roughly what percentage of
	see in in those revision cycles after a new		ASHRAE's standards are incorporated or adopted into
	standard is released.		law or regulation?
12	Q. Do you have an estimate as to what	12	MR. LEWIS: Objection.
	percentage of ASHRAE's revenues from publications	13	THE WITNESS: That's I do not,
	relates to older versions of current standards?		
		15	and that's an area that's outside of of what
16	A. I really do not know. I know they're a	16	I do.
	component of that. Breaking that the older	17	I look at the the demand for the for
	versions down, I'm not I'm not sure what that	18	the standards and the the inventory and the
1 1 0	that percentage would be.	19	print runs and make sure that we have adequate
		20	inventory to deliver our demand, but I do not
20	Q. If you had to make an estimate, what would		
20 21	your estimate be?	21	track what states or how many states or
20 21 22	your estimate be? A. Older versions and this is could	21 22	municipalities may may may adopt or
20 21 22	your estimate be?	21	
20 21 22 23	your estimate be? A. Older versions and this is could	21 22	municipalities may may may adopt or
20 21 22 23	your estimate be? A. Older versions and this is could could you repea in terms of the total sales of	21 22 23 24	municipalities may may may adopt or include the standard.

5 (Pages 14 - 17)

1 transact before the revision has been on the reading 2 standard and incorporation of that standard into 3 3 law 3 4 MR. LEWIS: Objection. 5 7 Q. (BW, Erkiges) or regulation? 5 6 A. No. We don't - that's - that's not a 6 7 metric that we use at all - theman, I imagine, you 7 8 thou we don't do that. That's not part of our 10 10 busines. 0 Q. Free viewing? 11 And I would think that the - there's 11 A. Teleive we call if free viewing. 12 prople who do work in our industry do work across 13 standard before that revision has been available for 14 metric that we - we keep as part of our busines 14 free viewing. 13 15 optimis, ancedotal experience observation 14 free viewing as soon as ASHRAE revises a standard and the 15 optimis, ancedotal experience observation 14 free viewing as soon as ASHRAE issues 17 ray, lets as, ancedotal experience observation 14 free viewing as soon as ASHRAE revises a standard and the 16 Q. Apurt				
3law3Is "reading room" a term that you use at4MR. LEWIS: Objection.5Q. (By Mr. Bridges) or regulation?6A. No. We don't - that's that's not a6A. No. We don't - that's that's not a6Q. What do you use what term do you use for7metric that we use at all. I mean, I imagine, you8Siandards for free?9from, but we don't do that. That's not part of our9A. I believe we call if free viewing.10business.10. Free viewing.1111And I would think that the there's11A. Free viewing.12people who do work in our industry do work across13Siatas, across municipalities, but that's not a13states, across municipalities, but that's not a14free viewing.14metric that we we keep as part of our business14free viewing.15operation.15of the standard?1516Q. Apart from keeping a metric, do you have15of the standard?17my, lef's say, ancedotal experience observing that18A. Yes, we do.18incorporation of a particular ASHRAE standard?20MR. LEWIS: Objection.20MR. LEWIS: Objection.22A. Ves, we do.21related to that standard.23Q. Is there a reason why ASHRAE rehe the eta22store, acrossition of a particular ASHRAE standard by23A. Me the net cason for that is23store, acrossiting that are mades that meand that a standard from the free v		-	1	standard before the revision has been on the reading
4MR. LEWIS: Objection.4ASHRAE?5Q. (By Mr. Bridges) - or regulation?5A. We do not.6A. No. We don't - uttafs that's not a6Q. What do you use what term do you use for7metric that we use at all. I mean, I imagine, you7the the public can view ASHRAE8know, perhaps you you look at where sales are9A. Ibelieve we call it free viewing.10business.10Q. Free viewing.11And I would think that the there's11A. Free viewing.12people who do work in our industry do work across13States, across municipalities, but that's not a13states, across municipalities, but that's not a14Free viewing. does ASHRAE replace the older version15operation.13Sathadraf free viewing does ASHRAE replace the older version16Q. Apart from keeping a metric, do you have14Ree viewing does ASHRAE replace the older version17Inte Statemart on or bookstre, 'because we're148A. Yes, we do.18incorporation of a patricular ASHRAE standard leader18A. Yes, we do.19or flue standard in our bookstre, 'because we're21A. Yes, we do.21related to that standard.21Q. And does ASHRAE removes the23a standard.212. S. Stardard bear the new terving?25we -we have to put on education, training Page 182A. Yes, we do.231related to that standard.22	2	standard and incorporation of that standard into	2	room strike that.
5Q. (By Mr. Bridges) or regulation?5A. We do not.6A. No. We don't that's that's not a6Q. What do you use what term do you use for7metric that we use at all. I mean, I imagine, you86Q. What do you use what term do you use for8now, perhaps you you look at where sales are9from, but we don't do that. That's not a participalities, but that's not a16Q. What do you use what term do you use for11And I would think that the there's10Q. Free viewing?1A. Free viewing.12proble who do work in our industry do work across13standard for free viewing as standard and the13standard before that revision has been available for14free viewing.1014metric that we - we keep as part of our business15of the standard with the new revision of the15or ajump in sales of that standard?18A. Yes, we do.17metric that LEWIS: Objection.190. And does ASIRAE then take the older version21THE WITNESS: Really, no. ThaveI21422metric that are made to malong43. And thether the reason for that is23take to put on education, training take to put on education, training take acrite it to a general trend of sales, in your view?3. And thethe reviewing?24these lines, but nothing that's that that3. And thethe reviewing?25No. (By Mr. Bridges) Is there anything that standards are stall.3. And thethethe chan	3	law	3	Is "reading room" a term that you use at
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24 building may have in their specifications.24And we go through a process where we have25Q. When ASHRAE revises a standard and the25a a trigger this is what we do for all of				-
25 Q. When ASHRAE revises a standard and the 25 a a trigger this is what we do for all of	24	building may have in their specifications.	24	-
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I .			
1	our publications. There's a trigger point when	1	THE WITNESS: That's to my
2	you get to a certain level of inventory, that's	2	understanding, that's correct.
3	when somebody in my group will say, "We're	3	Q. (By Mr. Bridges) Are you familiar with the
4	running low. Do we wish to reprint this item?"	4	analogous free viewing facilities of ASTM and NFPA?
5	And then they usually will recommend a print run	5	A. I have never gone to their sites to
6	and I approve that or or modify that.		experience those, but I was aware they do offer free
7	Q. (By Mr. Bridges) Do you print the previous	7	viewing.
	versions of standards in smaller print runs than the	8	(Thereupon, there was an interruption in
9	current versions of standards?	9	the proceedings.)
10	A. Most likely.	10	Q. (By Mr. Bridges) Whom do you consider your
11	Q. How many do you generally print in a print		counterparts to be at ASTM and NFPA?
	run, let's say, for a seven-year-old standard?	12	A. At at ASTM, I would consider my
13	A. Well, it that would be somewhat	13	counterpart John John Pace.
	dependent upon the standard. If it's if it's	14	At NFPA, I am not sure who my counterpart
	90.1, for example, we do anywhere from maybe 500 to	15	is.
16	750 copies.	16	Q. Are there persons at NFPA with whom you
17	But and and part of the the		discuss publication issues from time to time?
1	printing technology has changed where print	18	MR. LEWIS: Objection.
	smaller print runs are now more feasible with newer	19	THE WITNESS: With with with NFP
1	publishing technology.	20	yes, I I have discussed publication issues
21	Plus when items are ordered for print from	21	with NFPA, I think most recently three, four
1	our on-line bookstore, in fact, right now it's print	22	years ago.
1	on demand. So in that case, there's always print	23	Q. (By Mr. Bridges) Do you recall whom you
	copies available because of the technology we employ.		had those discussions with?
25	This is more for inventory that we have for	25	A. Well, there were two people. One I had a
	Page 22		Page 24
1	off-line orders, orders that come in outside of the	1	telephone conversation with and the other was a
2	bookstore.	2	e-mail exchange, one a lady. I think Michael was
3	Q. You referred just now to print on demand.	3	maybe the fellow. I I don't recall. The woman
	What does that mean in this context?	-	
4	what does that mean in this context?		was maybe Julie. I'm stretching now, but
4 5	A. It it means when an order comes in		was maybe Julie. I'm stretching now, but Q. Do you recall ever learning that ASTM and
5		4 5	,
5 6	A. It it means when an order comes in	4 5 6	Q. Do you recall ever learning that ASTM and
5 6 7 8	A. It it means when an order comes in through our on-line bookstore, that order then is transmitted to a to a copier and that document is reproduced on demand as that order comes in,	4 5 6 7	Q. Do you recall ever learning that ASTM and NFPA have registration requirements for their free
5 6 7 8	A. It it means when an order comes in through our on-line bookstore, that order then is transmitted to a to a copier and that document is	4 5 6 7 8	Q. Do you recall ever learning that ASTM and NFPA have registration requirements for their free viewing facilities?
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5 6 7 8 9 10	A. It it means when an order comes in through our on-line bookstore, that order then is transmitted to a to a copier and that document is reproduced on demand as that order comes in, packaged, and put in the mail, entered into the mail stream for delivery.	4 5 7 8 9 10 11	 Q. Do you recall ever learning that ASTM and NFPA have registration requirements for their free viewing facilities? A. No, I think I have heard that over the over the years of my knowledge of what they've done. I wouldn't and I'm I wouldn't swear to the fact
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5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	 A. It it means when an order comes in through our on-line bookstore, that order then is transmitted to a to a copier and that document is reproduced on demand as that order comes in, packaged, and put in the mail, entered into the mail stream for delivery. Q. Does ASHRAE do that printing? A. No. We use a we use a vendor, a supplier, for that. Q. Does ASHRAE provide a different type of print on demand option where the customer would be able to print it himself or herself on his or her own equipment on demand? A. When a customer purchases a PDF copy from us, the customer has the has the ability and the the license to make to make a copy for 	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	 Q. Do you recall ever learning that ASTM and NFPA have registration requirements for their free viewing facilities? A. No, I think I have heard that over the over the years of my knowledge of what they've done. I wouldn't and I'm I wouldn't swear to the fact that they've that they would have those processes, but I I think that John Pace had mentioned to me once they do that. Q. Have you ever discussed with them the relative strike that. Did you ever discuss with them any considerations as to why an organization would or would not impose a registration requirement? A. No, I never have. Q. Coming back to 90.1, is that the most
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5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 A. It it means when an order comes in through our on-line bookstore, that order then is transmitted to a to a copier and that document is reproduced on demand as that order comes in, packaged, and put in the mail, entered into the mail stream for delivery. Q. Does ASHRAE do that printing? A. No. We use a we use a vendor, a supplier, for that. Q. Does ASHRAE provide a different type of print on demand option where the customer would be able to print it himself or herself on his or her own equipment on demand? A. When a customer purchases a PDF copy from us, the customer has the has the ability and the the license to make to make a copy for themselves. Q. I believe you mentioned that there's no 	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 Q. Do you recall ever learning that ASTM and NFPA have registration requirements for their free viewing facilities? A. No, I think I have heard that over the over the years of my knowledge of what they've done. I wouldn't and I'm I wouldn't swear to the fact that they've that they would have those processes, but I I think that John Pace had mentioned to me once they do that. Q. Have you ever discussed with them the relative strike that. Did you ever discuss with them any considerations as to why an organization would or would not impose a registration requirement? A. No, I never have. Q. Coming back to 90.1, is that the most popular standard that ASHRAE provides? A. Uh-huh (affirmative). It is.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 A. It it means when an order comes in through our on-line bookstore, that order then is transmitted to a to a copier and that document is reproduced on demand as that order comes in, packaged, and put in the mail, entered into the mail stream for delivery. Q. Does ASHRAE do that printing? A. No. We use a we use a vendor, a supplier, for that. Q. Does ASHRAE provide a different type of print on demand option where the customer would be able to print it himself or herself on his or her own equipment on demand? A. When a customer purchases a PDF copy from us, the customer has the has the ability and the the license to make to make a copy for themselves. Q. I believe you mentioned that there's no registration requirement for the free viewing; 	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 Q. Do you recall ever learning that ASTM and NFPA have registration requirements for their free viewing facilities? A. No, I think I have heard that over the over the years of my knowledge of what they've done. I wouldn't and I'm I wouldn't swear to the fact that they've that they would have those processes, but I I think that John Pace had mentioned to me once they do that. Q. Have you ever discussed with them the relative strike that. Did you ever discuss with them any considerations as to why an organization would or would not impose a registration requirement? A. No, I never have. Q. Coming back to 90.1, is that the most popular standard that ASHRAE provides? A. Uh-huh (affirmative). It is. Q. How would you briefly describe the scope
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	 A. It it means when an order comes in through our on-line bookstore, that order then is transmitted to a to a copier and that document is reproduced on demand as that order comes in, packaged, and put in the mail, entered into the mail stream for delivery. Q. Does ASHRAE do that printing? A. No. We use a we use a vendor, a supplier, for that. Q. Does ASHRAE provide a different type of print on demand option where the customer would be able to print it himself or herself on his or her own equipment on demand? A. When a customer purchases a PDF copy from us, the customer has the has the ability and the the license to make to make a copy for themselves. Q. I believe you mentioned that there's no registration requirement for the free viewing; correct? 	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	 Q. Do you recall ever learning that ASTM and NFPA have registration requirements for their free viewing facilities? A. No, I think I have heard that over the over the years of my knowledge of what they've done. I wouldn't and I'm I wouldn't swear to the fact that they've that they would have those processes, but I I think that John Pace had mentioned to me once they do that. Q. Have you ever discussed with them the relative strike that. Did you ever discuss with them any considerations as to why an organization would or would not impose a registration requirement? A. No, I never have. Q. Coming back to 90.1, is that the most popular standard that ASHRAE provides? A. Uh-huh (affirmative). It is. Q. How would you briefly describe the scope and purpose of 90.1?

7 (Pages 22 - 25)

1 operation of buildings that are ene		1 those sources.
2 Q. Is it true that some people		2 Q. Do you have an estimate of something
3 with significant energy savings at		3 analogous to a circulation figure for an sorry,
4 because of its implementation in b	uilding design and 4	4 for ASHRAE 90.1?
5 operation?	5	5 MR. LEWIS: Object to form.
6 MR. LEWIS: Objection.	6	6 Q. (By Mr. Bridges) You understand what I
7 THE WITNESS: What I he	ar mostly is what 7	7 mean by "circulation figure" in this context?
8 I hear is it's there's a there'	s savings 8	8 A. I'll well, I'll answer by saying I'm
9 that can be achieved over the p	revious editions 9	9 also the publisher of our magazines
10 of the standard.	10	10 Q. Right.
11 So when a new edition of th	at standard 11	11 A so each of our magazines has a
12 comes out, it would be I I	hear that it 12	12 circulation statement, which which verifies how
13 will be a 15 percent energy sav	rings over a 13	13 many copies of the magazine are put into the mail
14 building constructed from the p	previous version 14	14 Q. Right.
15 or 30 percent savings.	15	15 A and made available
16 Q. (By Mr. Bridges) Do you	know how many 16	16 Q. Right.
17 copies of 90.1 ASHRAE has sold	-	17 A or accessed online.
18 provided access to? And my ques		
19 the 2010 edition.		19 statement for our public for our standards
20 A. For ASHRAE providing ad		20 actively.
21 would be, say you said 90.1 201		•
22 Q. Right. And actually, by th	-	22 not an industry standard circulation number as there
23 through the free facility, I mean		23 is for magazines when we're talking about books, but
24 A. So		24 just trying to get a sense of the the number of
25 Q on a paid or		25 persons that ASHRAE believes have interacted with
	Page 26	Page 28
1 A. Yeah.	1	1 90.1 in the 2010 edition, whether that is by physical
2 Q or	2	2 copy sale, whether it's by bundled or value-added
3 A. Yeah.	3	3 sale, whether it's by license, whether it's by some
4 Q on a pay basis.	4	4 subscription or network license, but I'm omitting
5 A. Yeah. 90 my recollection is	s 90.1 2010 5	5 from this question the free reading facility.
6 would be in the neighborhood of 7,000	0 to 9,000 copies 6	6 MR. LEWIS: Object to form.
7 that that we would have provided ac	-	
8 may be a few more a few other mor	ccess to. There /	7 THE WITNESS: That would be pure conje
o may be a few more a few other mor		7 THE WITNESS: That would be pure conje8 I I do not know.
	e outlying copies 8	
9 that would be part of a CD collection to 10 include that would have included 90	that would 8	8 I I do not know.
9 that would be part of a CD collection	e outlying copies8that would90.1, so maybe10	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of
9 that would be part of a CD collection10 include that would have included 90	e outlying copies 8 that would 9 0.1, so maybe 10 11	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1?
 9 that would be part of a CD collection in 10 include that would have included 90 11 that's another 500 or so. 12 Q. And did these numbers included 	e outlying copies 8 that would 9 0.1, so maybe 10 11 e numbers of 12	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is.
9 that would be part of a CD collection include that would have included 9011 that's another 500 or so.	e outlying copies 8 that would 9 0.1, so maybe 10 11 e numbers of 12 ave sold? 13	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is. 13 Q. How much is that?
 9 that would be part of a CD collection include that would have included 90 11 that's another 500 or so. 12 Q. And did these numbers include 13 copies of 90.1 that distributors may have 	e outlying copies8that would90.1, so maybe1011e numbers of12ave sold?13he14	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is. 13 Q. How much is that?
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 9 that would be part of a CD collection include that would have included 90 11 that's another 500 or so. 12 Q. And did these numbers include 13 copies of 90.1 that distributors may hat 14 A. It it it would not include the 	e outlying copies8that would90.1, so maybe101111e numbers of12ave sold?13he14tors, the15f the market16	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is. 13 Q. How much is that? 14 A. That's what I'm I believe the ASHRAE 15 member price for the current edition of standard 90.1 16 is \$99. I believe the list price is \$120.
 9 that would be part of a CD collection include that would have included 90 11 that's another 500 or so. 12 Q. And did these numbers include 13 copies of 90.1 that distributors may hat 14 A. It it it would not include the 15 what we call the value-added distribut 16 which is reaches a big percentage of 17 for us. 	e outlying copies8that would90.1, so maybe101111e numbers of12ave sold?13he14cors, the15f the market1617	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is. 13 Q. How much is that? 14 A. That's what I'm I believe the ASHRAE 15 member price for the current edition of standard 90.1 16 is \$99. I believe the list price is \$120. 17 Typically, our member discount is 15 percent.
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 9 that would be part of a CD collection include that would have included 90 11 that's another 500 or so. 12 Q. And did these numbers include 13 copies of 90.1 that distributors may hat 14 A. It it it would not include th 15 what we call the value-added distribut 16 which is reaches a big percentage of 17 for us. 18 Those would be the groups that 19 our standards and make them available 20 along with the standards of other orga 21 they could also sell just resell our st 22 And typically, those would be large point 	e outlying copies8that would90.1, so maybe101111e numbers of12ave sold?13he14tors, the15f the market161717would take18e to customers19nizations, or20andards.21ercentage of22	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is. 13 Q. How much is that? 14 A. That's what I'm I believe the ASHRAE 15 member price for the current edition of standard 90.1 16 is \$99. I believe the list price is \$120. 17 Typically, our member discount is 15 percent. 18 Q. Does ASHRAE have a figure of strike 19 that. 20 Does ASHRAE have an understanding of the 21 approximate revenue that it has gained from the sale 22 or licensing, direct or indirect, of the ASHRAE 90.1
 9 that would be part of a CD collection include that would have included 90 11 that's another 500 or so. 12 Q. And did these numbers included 13 copies of 90.1 that distributors may had 14 A. It it it would not include the 15 what we call the value-added distributed 16 which is reaches a big percentage of 17 for us. 18 Those would be the groups that 19 our standards and make them available 20 along with the standards of other organization of the standards of the other organization of the standards of other organization of the standards of other organization of the other o	e outlying copies8that would90.1, so maybe101111e numbers of12ave sold?13he14tors, the15f the market1617would take18e to customers19nizations, or20andards.21ercentage of2223	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is. 13 Q. How much is that? 14 A. That's what I'm I believe the ASHRAE 15 member price for the current edition of standard 90.1 16 is \$99. I believe the list price is \$120. 17 Typically, our member discount is 15 percent. 18 Q. Does ASHRAE have a figure of strike 19 that. 20 Does ASHRAE have an understanding of the 21 approximate revenue that it has gained from the sale 20 or licensing, direct or indirect, of the ASHRAE 90.1 23 standard?
 9 that would be part of a CD collection include that would have included 90 11 that's another 500 or so. 12 Q. And did these numbers include 13 copies of 90.1 that distributors may hat 14 A. It it it would not include the 15 what we call the value-added distribut 16 which is reaches a big percentage of 17 for us. 18 Those would be the groups that 19 our standards and make them available 20 along with the standards of other orga 21 they could also sell just resell our standards and so on. 24 So it does not to answer your 	e outlying copies 8 that would 9 0.1, so maybe 10 11 e numbers of 12 twe sold? 13 the 14 tors, the 15 f the market 16 17 would take 18 e to customers 19 nizations, or 20 andards. 21 ercentage of 22 question, 24	 8 I I do not know. 9 Q. (By Mr. Bridges) What is there a 10 standard retail price for the current version of 11 ASHRAE 90.1? 12 A. Yes, there is. 13 Q. How much is that? 14 A. That's what I'm I believe the ASHRAE 15 member price for the current edition of standard 90.1 16 is \$99. I believe the list price is \$120. 17 Typically, our member discount is 15 percent. 18 Q. Does ASHRAE have a figure of strike 19 that. 20 Does ASHRAE have an understanding of the 21 approximate revenue that it has gained from the sale 20 or licensing, direct or indirect, of the ASHRAE 90.1 23 standard? 24 A. We would have the information that would
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1	When it comes to the revenue that is	1	of of of the components, especially from
2	derived from the these value-added resellers, we	2	the big resellers that we have. If it's a
3	wouldn't we do not have a specific breakdown of	3	reseller that just resells specific documents
4	what component of that total rev revenue is	4	then we may see that, but that's a very small
5	attributable to 90.1.	5	percentage of the whole.
6	Q. And I understand there may be no specific	6	Q. (By Mr. Bridges) Who are ASHRAE's big
7	breakdown because when somebody's selling a	7	resellers?
8	compendium they don't charge on every piece of it,	8	A. The the largest one would be Information
	but do you have an estimate, based on the relative		Handling Services. Second largest one would be
	importance of 90.1 in those compendia, of what the		Techstreet. Third would most likely be ANSI.
11	revenue stream is to ASHRAE that the ASHRAE 90.1 2010		Fourth, MADCAD. Those would be the top four.
12	standard provides?	12	Q. And if you had to estimate what proportion
13	MR. LEWIS: Objection. Asked and answered.		of your reseller revenue comes from those four, what
14	5 5		would that estimate be?
15	when when you mention the indirect, would	15	A. From those four? Oh, gosh, that would be
16		16	85, 90 percent.
17	activities that are based on the standard, as	17	Q. What is ANSI's [sic] yearly
18	well?		publication-based revenue from resellers?
19	Q. (By Mr. Bridges) Good good question.	19	MR. LEWIS: Objection.
	No.	20	THE WITNESS: I have no idea.
21	A. Okay.	21	Q. (By Mr. Bridges) What royalties does ANSI
22	Q. What I meant by "indirect" here is that		[sic] collect with respect to its standards?
	either ASHRAE sells to a ultimate purchaser or it	23	MR. LEWIS: Objection.
	sells to a book dealer or a bookstore or it sells to	24	Q. (By Mr. Bridges) Let me I'll clarify
25	ANSI and ANSI sells it where the ultimate purchaser	25	the question.
	Page 30		Page 32
1	is not interacting directly with ASHRAE. That's what	1	What types of royalties and for what types
2	I mean.	2	of transactions does ASHRAE collect
3	A. So now that I have achieved that	3	publication-related royalties?
4	clarification, could you repeat your original	4	A. This is with just generally? Is that
5	question, please?	5	Q. Yes.
6	Q. Certainly, certainly.	6	A. Yeah. For the most part, my understanding
7	Do you have an estimate of what the total	7	is that the the resellers are selling network
8	revenue stream is to ASHRAE that the ASHRAE 90.1 2010	-	licenses and broad-based access to our standards
	standard provides, taking into account all of the		within companies. They typically, they would
10	channels of distribution and licensing?		reach a little different market than we would,
11	MR. LEWIS: Objection.		whereas, you know, they're for the most part, my
12			understanding would be, reaching larger corporate
	I mean, I I just know I I know the		entities, institutional entities, whereas our
13			
14			membership is is more it's an in ASHRAE is
14 15	the sales that we are responsible for, where we	15	an individual member-based organization. So our
14 15 16	the sales that we are responsible for, where we make the sale, and it's a substantial, you know,	15	an individual member-based organization. So our market is typically those individuals.
14 15 16 17	the sales that we are responsible for, where we make the sale, and it's a substantial, you know, proportion. It's our largest revenue generator	15 16 17	an individual member-based organization. So our market is typically those individuals.Q. Do you know roughly how much revenue ASHRAE
14 15 16 17 18	the sales that we are responsible for, where we make the sale, and it's a substantial, you know, proportion. It's our largest revenue generator in in standards.	15 16 17	an individual member-based organization. So ourmarket is typically those individuals.Q. Do you know roughly how much revenue ASHRAEreceives in royalties from network licenses?
14 15 16 17	the sales that we are responsible for, where we make the sale, and it's a substantial, you know, proportion. It's our largest revenue generator in in standards. I would intuitively think that that it	15 16 17 18 19	 an individual member-based organization. So our market is typically those individuals. Q. Do you know roughly how much revenue ASHRAE receives in royalties from network licenses? A. I I know the amount of I can estimate
14 15 16 17 18	the sales that we are responsible for, where we make the sale, and it's a substantial, you know, proportion. It's our largest revenue generator in in standards. I would intuitively think that that it would also be a substantial re portion of	15 16 17 18 19 20	 an individual member-based organization. So our market is typically those individuals. Q. Do you know roughly how much revenue ASHRAE receives in royalties from network licenses? A. I I know the amount of I can estimate the the amount of revenue that we receive from our
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14 15 16 17 18 19 20 21 22	the sales that we are responsible for, where we make the sale, and it's a substantial, you know, proportion. It's our largest revenue generator in in standards. I would intuitively think that that it would also be a substantial re portion of the revenue that comes from the resellers, but we just do not receive the information in	15 16 17 18 19 20 21 22	 an individual member-based organization. So our market is typically those individuals. Q. Do you know roughly how much revenue ASHRAE receives in royalties from network licenses? A. I I know the amount of I can estimate the the amount of revenue that we receive from our value-added resellers. I'm again, I I know that they also will sell one-off copies from their
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14 15 16 17 18 19 20 21 22 23 24	the sales that we are responsible for, where we make the sale, and it's a substantial, you know, proportion. It's our largest revenue generator in in standards. I would intuitively think that that it would also be a substantial re portion of the revenue that comes from the resellers, but we just do not receive the information in that that manner. We receive our royalty, a royalty check,	 15 16 17 18 19 20 21 22 23 	 an individual member-based organization. So our market is typically those individuals. Q. Do you know roughly how much revenue ASHRAE receives in royalties from network licenses? A. I I know the amount of I can estimate the the amount of revenue that we receive from our value-added resellers. I'm again, I I know that they also will sell one-off copies from their
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^{9 (}Pages 30 - 33)

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1	So I I would I would assume that	1	revenue is both what we sell and the royalties,
2	the the largest the most substantial revenue	2	what's the component of that that is
3	stream that they provide to us in royalty comes from	3	attributable to
4	network licenses.	4	Q. (By Mr. Bridges) 90.1
5	Q. And how much would you estimate that to be	5	A 90.1?
6	on an annual basis?	6	Q all versions.
7	A. Do you mean the the the total revenue	7	A. Yeah. And let me just go through some math
8	or the part from or the part from network	8	as I'm as I'm speaking.
9	licenses?	9	And this would not be any of the kind of
10	Q. Let's say the total revenue from	10	indirect educational or, you know, credibility and
11	value-added resellers to begin with and then	11	other other ways that that may impact us.
12	understanding whether you can break out network	12	
13	A. Yeah.	13	
14	Q licenses.	14	run through those numbers now.
15	A. Our our total royalty revenue would be	15	Well, when it gets to the royal the
16	roughly 1.2 million to 1.4 million.	16	problem is for the royalty part I'm really making
17	Q. And when you identify your total royalty	17	5
	revenue, that revenue number is separate from the		know, it it I I don't have those numbers,
	revenue number you gave me earlier about publications		you know, broken down as such.
20	revenue; is that correct?	20	Q. I'll just ask you for your best estimate.
21	A. Yes, that's correct.	21	A. Best estimate.
22	Q. So to understand the total I hate to use	22	MR. LEWIS: Objection.
	the word, but monetization value of publications, one	23	-
24	would have to add in the publications revenue and the	24	-
25	royalty revenue; correct?	25	
	Page 34		Page 36
1	A. That is correct.	1	A. Out of the total as an estimate, just
1 2	A. That is correct.Q. What other components would be missing if I		A. Out of the total as an estimate, just conjecturing.
2			conjecturing.
2 3	Q. What other components would be missing if I	2 3	conjecturing.
2 3 4 5	Q. What other components would be missing if I had just the publication revenue and the royalty revenue?A. Now, we are speaking just of just	2 3 4	conjecturing. Q. Is excuse me, I may have I don't
2 3 4 5	Q. What other components would be missing if I had just the publication revenue and the royalty revenue?	2 3 4 5	conjecturing. Q. Is excuse me, I may have I don't think I asked the exact same question. I may have
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2 3 4 5 6 7 8	 Q. What other components would be missing if I had just the publication revenue and the royalty revenue? A. Now, we are speaking just of just publications? Q. Right, and really specifically standards. A. Standards. Just running through our 	2 3 4 5 6	conjecturing. Q. Is excuse me, I may have I don't think I asked the exact same question. I may have asked a similar question earlier. Forgive me if I repeat myself because I'm working on one hour of sleep.
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]
1	5 5	1	I want to come back to the reading room for
2	proposed version of Standard 90.		a second I'm sorry, the free reading facility. I
3			should use your terminology.
4	6 9	4	What functions can a viewer carry out at
	it was first released in 1975. The .1 was added as a		the free reading facility?
	variation at a later time.	6	A. When we used the RealRead platform, I know
7			it was it was just to view. So it was purely to
	some different predecessor?		view, you did not download. And there was a at
9			some point in time, we added a "Buy Now" button, so
10			we put a "Buy Now" button there.
11		11	When we switched to iWrapper, my my
12	5		recollection is that that is pure viewing only and I
13			do not know if we've got a "Buy Now" button on
	an earlier standard that ASHRAE then updated and made		with the iWrapper platform, but I'm quite sure we do.
	ASHRAE's own standard?		I can't imagine why we wouldn't. That was we
16	5		switched platforms I think that was two years ago.
17		17	Q. How do you spell "iWrapper"? Is it capital
18	*		I-W-r-a-p-p-e-r?
19		19	A. I think it's small i, capital
20			W-R-A-P-P-E-R.
	that there was a previous process in existence and	21	Q. Oh, okay.
	ASHRAE took that over?	22	A. And I think
23	5	23	Q. Do you recall whether there's a text search
24			function that when somebody goes to the
25	someplace that that that ASHRAE developed it as Page 38	25	A. I do not recall. Page 40
-			
	some follow-on to something else, and I'm trying to	1	Q. Do you recall whether there's a possibility
	figure out what that is.		of selecting text for pasting?
3		3	A. I do not I do not believe there is. I
4	5		believe it's it's viewing, but I I'm not sure.
5		5	Q. Who is in charge of the technical aspects
6			of the iWrapper implementation?
7			A. I approve it. We when RealRead when
8			I received the notice from RealRead going out of
9			business, I was responsible for shifting us over to
	who articulated that need?		another platform.
11			And so we I talked we use various
12			suppliers and vendors, and so one vendor who we use
	statement saying there's a need for something like		extensively for publications work, we asked him what
	this		his solution would be and and he recommended
15	5		iWrapper, which is a commercially-available I'm
16			not sure if that's Adobe or that's I think it's
	fulfilled it.		probably Adobe, but but that's commer so he
18	8 ,		recommended using that commercially-available
	memory of presidential speeches of that of that		platform.
	year, "presidential" meaning ASHRAE presidential		And and my intent would have been to
21	Q. ASHRAE	21	replicate what we had with the RealRead
22			functionality.
23		23	Q. Who's the vendor that ASHRAE uses?
24		24	A. For for for this project, we used
25	Q. Right.	123	used a firm iENGINEERING, which is outside of
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1	Washington.	1	MR. LEWIS: Objection.
2	Q. Who is ASHRAE's principal contact there?	2	THE WITNESS: Yes.
3	A. Riaz Ahmed.	3	Q. (By Mr. Bridges) And what would the
4	Q. R-I-A-Z A-H-M-E-D?	4	earlier versions be?
5	A. Yes. That's the first name and last name.	5	A. PDFs.
6	Q. Who at ASHRAE supervises the relationship	6	MR. LEWIS: Objection.
7	with iENGINEERING?	7	Q. (By Mr. Bridges) PDF.
8	A. Well, at the approving the payment of	8	And if one wanted to trace the evolution
	invoices and approving the initiation of work, it is	9	across four versions to produce one document with
10	me, and and then there's a a gentleman in my	10	annotations showing, for example, when each provision
11		11	entered into the standard and when various provisions
12	with vendor relationships. David Soltis is his name.	12	disappeared from the standard, would the person need
13	Q. How do you spell Soltis?	13	to get permissions to reuse each of the four
14		14	versions, according to ASHRAE's practices?
15	Q. If a member of the public wanted to write	15	A. If they were doing this for their personal
1	an article about the evolution of the 90.1 standard		use, then no, because that would be allowed for in
	over the last 20 years by showing a comparison	17	their purchase of the standards.
	through, let's say, a redline, an electronic	18	The permission would require would be
	comparison let me back up.		required for the extent to which that person would
20		20	want to make information available more widely other
21	A. I do.	21	than for personal use, and then there would be
22		22	considerations that would be given for amount of
1	an article about the evolution of the 90.1 standard	23	content, so on.
	over the last 20 years by providing a redline of the	24	Q. Well, what what if somebody wanted to
25	various changes from version to version, is there	25	write an article criticizing the evolution and saying
<u> </u>	Page 42		Page 44
1	a what would the I'm going to start the	1	that it had gotten off track and wanting to
2	question again. Let me strike that.		illustrate the arguments by quoting substantial bits,
3	1	3	let's say two pages at a time for five different
4	an article about the evolution of the 90.1 standard	4	instances.
	over the last 20 years by providing a redline of	5	According to ASHRAE's practices, what would
6	various changes from version to version, what steps	6	be required for the person for that person to be
7	would that person need to go through in order to	7	able to do this?
8	generate a comparison document?	8	MR. LEWIS: Objection.
9	MR. LEWIS: Objection.	9	THE WITNESS: Whether the article is
10		10	critical or not isn't part of our process of
11		11	granting permission for use of content.
12		12	Q. (By Mr. Bridges) Leaving that part aside,
13			then, what would the person need to do, according to
14	1	14	ASHRAE's practices, to get permission to provide,
15		15	let's say, four two-page excerpts showing the
16	1	16	changes?
17	2	17	MR. LEWIS: Objection.
18	1	18	THE WITNESS: They would need to specify
19	1 1	19	what content from the standard they wished to
20	Q. (By Mr. Bridges) Leaving aside the	20	use, what how much content, what type of
21	permissions process, how, from a technical	21	content, and what the use would be, say an
	standpoint, would one be able to generate that	22	article.
23	redline? Would one have access to earlier versions	23	We do not ask what that article is going to
1	in an electronic format that would be suitable for	24	say, nor do we review that article before it is
25	applying a comparison tool to?	25	used. That's not part of our process.
1	Page 43		Page 45

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1	So they would have to specify the amount of	1	the proceedings.)
2	content that they wish to use, what content, and	2	VIDEOGRAPHER: This is the beginning of
3	how and what that use would be.	3	Video 2. We are going on the record at
4	Q. (By Mr. Bridges) Would ASHRAE give that	4	11:46 a m.
5		5	Q. (By Mr. Bridges) Do you know roughly what
6	A. We always use a balance in in in how	6	percentage of publications income comes from
7	we approach reprint requests.	7	government sources for ASHRAE?
8	If I do not feel there's going to be a	8	A. I do not.
	negative impact on the sales of of a standard,	9	Q. Do you know what government support ASHRAE
10	typically I will grant reprint permission use,	10	gets in the development or revision of standard
11	because I think it also promotes awareness of a	11	standards?
12	standard.	12	A. I am not aware of any funding received by
13	I should say that we also have an on-line	13	ASHRAE for development or the revision of of
	system that we use, as well, RightsLink. You can go	14	standards.
	to our website and you can see that. But that hasn't	15	Q. You're aware that government employees
	worked very well. That was my attempt at trying to	16	participate in the standard development process?
	remove a little bit of the care and hand well,	17	A. I do. And well, I what I am aware of
18	the time that has to go in with processing requests.		is that there there may be individuals with the
19	In in that system, it was a cookie		government who purchase copies of of standards.
	cutter, a certain amount of money for a certain		I'm not exactly sure of their role on project
	for a certain number of figures and so on. But	21	committees, but but they are would be included
	that's really not a very practical system and it's	22	in the the customer base for standards.
	just about we I think we still have the link	23	Q. And you're aware that does the U.S.
	there, but it's really doesn't have very good	24	government enter into any contracts with ASHRAE for
25	functionality.	25	the sale or availability of standards?
	Page 46		Page 48
1	Q. And it sounds to me as though the reason	1	A. We have had in in recent this is
2	for that is that it wasn't flexible enough to	2	in recent years, we've had three contracts I've been
3	accommodate different use cases?	3	engaged with related to the distribution of
4	A. That that's correct. And and it's	4	standards, specifically 90.1.
	hard to keep it up to date. We publish many	5	Q. What were the contracts for?
	articles, we publish many standards, and so to try to	6	A. Three first contract was for making
	keep that database of permission so when somebody		90.1 and I believe that was the 2010 version of
	goes in and they identify the the source of the		the standard available to ASHRAE members for
	content, it was as much work for us to keep the		well, I available from the ASHRAE website for fre
	database up to date as it was to handle the		download.
	permissions personally.	11	And then there were two subsequent
12	Q. Do you have a dedicated permission staff?		contracts that were done in conjunction with the
13	A. My administrative assistant is the focal		International Code Council where actually they did
	point for permissions.		the the distribution, but inclu which which
15	Q. What is your assistant's name?		the distribution included one of their documents,
16	A. Julie Harr, H-A-R-R.		the what is called the IECC, International Energy
17	MR. BRIDGES: If it's all right with you, I		Conservation Code.
18	ask that we take a break. We've gone just a	18	So so that that document was
19	little bit over an hour. Normally I'd like to		provided distributed by ICC and included in that
20	go longer, but I'm working on sleep deprivation.		package ASHRAE Standard 90.1 2010.
21	I'll try and keep the breaks short, but I may	21	And then the third contract added 90.1 2007
22	need them every hour.	22	,
23	VIDEOGRAPHER: This is the end of Video 1.		provided to ICC from, in this case, Pacific Northwest
24	We're going off the record at 11:26 a m.		Laboratories, which was a a laboratory under
25	(Thereupon, there was an interruption in	25	contract at the Department of Energy.
	Page 47	1	Page 49

13 (Pages 46 - 49)

1		1	A. So that was how we did the knew when it
	your answer, because I I didn't quite understand		ended.
	it.	3	Q. How could you distinguish, let's say,
4	8		between a download and a simple view of the document
	version of the standard available in some fashion and		from ASHRAE's website?
	I think first you said available to ASHRAE members	6	A. There was no viewing associated with this
	and then I think you said available from the ASHRAE		particular functionality. You just clicked on a box
	website for free download.	-	that said "Download."
9	5	9	Q. Got it.
	specifically to ASHRAE members, but available from		With what government agency was the
	the ASHRAE website for download?		contract?
12	5	12	A. Our contract was with PNL, Pacific
	5		Northwest Laboratory, which is a laboratory of the
14			U.S. Department of Energy.
15	Q. (By Mr. Bridges) Who and under that contract, who had access to the free downloads?	15	Q. Did ASHRAE ever come to have an
10	-		understanding as to why Pacific Northwest Laboratory
	clicked on the option to complete that download.		wished to have that facility available?A. This was part of the the time frame is
10	* *	18	2011, and I believe this was part of the the
20			Recovery Acts, the National Recovery Acts that were
20			in place at that time.
$ ^{21}_{22}$		21	And I was approached by somebody from PNL
$ ^{22}_{23}$	•		as a to do that. I do not know what their
24			their motivations were except to make the standard
	recollection, is it was not rest I know it was		available.
	Page 50		Page 52
1	not restricted to members I misspoke at first	1	Q. Do you know how many downloads occurred
	and I think it was open to to anyone.	2	under that contract?
3		3	A. I do not, but if if it was the 15 per
4		4	download and the contract was \$322,000, it would be
5	Q. Okay. So the first contract just to	5	that division.
6	summarize again, the first contract was for ASHRAE to	6	(Defendant's Exhibit 1077 was marked for
7	make 90.1 available for free to the public by	7	identification.)
8	download; correct?	8	Q. (By Mr. Bridges) My brain is sitting next
9	A. That is correct.	9	to me and my brain hands me important things from
10	Q. Was that contract for a limited period of	10	time to time.
11	time or was it for what were the terms of that	11	Mr. Comstock, I ask you to look at
12	contract?	12	Exhibit 1077.
13	A. There was a contract that had a a dollar	13	Could you identify it, please?
14	amount associated with it, and so there was a fee	14	A. This appears to be the the proposal that
15	that every every time a download was made, a fee	15	I just I just spoke of. I think I did say 2010.
	for that unit was charged. So once that total	16	5
17	contract amount was met, then the downloads stopped.	17	oh, no, I'm sorry. Yeah, it says
18		18	MR. LEWIS: I'll just note for the record
	was?	19	that the document is two sided.
20		20	Q. (By Mr. Bridges) Yes, always. I think all
	Q. Do you know how ASHRAE knew when a download		
21		22	A. So it's the 2007 version, yes.
22	occurred?		
22 23	A. Yes, because we had a a system that	23	Q. Okay. Was this free download facility
22 23 24	A. Yes, because we had a a system that would click keep track of the downloads.	23 24	Q. Okay. Was this free download facility something that ASHRAE proposed?
22 23	A. Yes, because we had a a system that would click keep track of the downloads.	23	Q. Okay. Was this free download facility

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1 PNL, to my to my knowledge. 1 Now, the first agreement 1 belive was 2 Q. Thejust the format, it's in response to an RFP or captor for possils. 3 Was 5230,000. Thethebut the second agreement 1 4 Do yua know what the RFP No. 140008 Systelife? 5 was 5220,000. Thethebut the second agreement actually included two 7 Q. The proposal envisioned that ASHRAE would spreame the free download program through targeted second agreement actually included two 7 versions of 00.1, if I recall, and two different second agreement actually included two 7 Q. The proposal envisioned that ASHRAE promoted is the free download program to the broader public, if the agreement, actually included two 7 versions of 00.1, if I recall, and two different is the free download program to the broader public, if the agreement, actually included two 7 versions of 00.1, if I recall, and two different is the free download program to the broader public, if the agreement, actually included two 7 versions of 00.1, if I recall, and two different is the free download program to the broader public, if the agreement, actually included two is if the agreement is the interest is the free download program to the broader public, if the agreement, actually included two is if the reso out webrit to - is is is the free download program to now two bit to - is is is the agreement is an interest is if the reso out webrit the version is the second and third contracts; if a state arrenced. 1 A. That's correct. 11 Q.		
3 an RFP or request for proposals. Do you know what the RFP No. 140008 5 specified? 6 A. 1 – 1 do not. 7 Q. The proposal envisioned that ASHRAE would 8 promote the free download program through targeted 9 e-mails to members of ASHRAE would 10 rough – give at above the michpoint in that exhibit. 11 A. Correct. 12 Q. Do you know to what extent ASHRAE promoted 13 the free download program through targeted 14 apart from members of ASHRAE? 15 A. 1 – we put notices on our website to – is 16 my recollection. I believe we did news releases, but 17 i am – that's an assumption on my part. 18 Q. And then you said there were two other 19 contracts, is that correct? 10 A. No. That – that was a – a different 21 involved versions of Standard 90.1 and then also 21 involved versions of the ASHRAE 22 expendents the second and third contracts? 23 of the standard 90.1 and then also 24 involved versions of the asso at a different 24 argument. Tor that process, the documents were 35 section that process, the documents were 36 second and third contracts? 30 A. I. believe they recoratest between 10 PNL and ASHRAE and then I	1 PNL, to my to my knowledge.	1 Now, the first agreement I believe was
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25 unit, that I recall, of \$45. 25 MR. LEWIS: Objection.		
Page 55 Page 57	25 unit, that I recall, of \$45.	25 MR. LEWIS: Objection.
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1 THE WITNESS: Was your question by	1 there would be books. And I believe that that
2 repeat the question, please?	2 that covers it.
3 Q. (By Mr. Bridges) Sure.	3 Q. Roughly what percentage of ASHRAE's
4 Has ASHRAE entered into any other	4 expenses pertain to the organization and supervision
5 agreements to provide broad public access to or	5 of the standards development process and the costs of
6 distribution of its standards either for free or for	6 publication and the costs of administering the
7 a reduced price?	7 permissions and distributions and the like?
8 A. At at times over the past not for	8 MR. LEWIS: Objection.
9 90.1, but for some other standards, a company may pay	9 THE WITNESS: I can speak to the side of
10 a license fee to make a standard available if it	10 that process that deals with the the the
11 relates specifically to their products. That would	11 publications part. I do not know what the
12 be a license agreement.	12 the costs would be to support the development of
13 And that's very rare. I mean, it's	13 the product. My role begins when we push that
14 it's perhaps one standard every three to five	14 standard out to the to to the marketplace.
15 years would would be the case. But nothing with	15 What would be I I'd probably say
16 government like was done here.	16 there are staff salaries that would be
17 Q. Okay. What proportion of ASHRAE's yearly	17 attributable to standards activities from the
18 revenues comes from the monetization of its	18 publication side of things, production, so on.
19 publications? Do you understand that term?	19 If you add portions of people's time together,
20 A. When you say "publications," do you include	20 we're probably speaking of four people from the
21 periodicals?	21 publications side.
22 Q. Good point, so I'm going to withdraw my	22 And then the the cost of the
23 question.	23 infrastructure for the book for the
24 But I just want to make sure I think you	24 bookstore, the on-line process, and warehousing,
25 understand my my word "monetization" in this	and finally the the the work that may be
Page 58	Page 60
1 context. You nodded, but the court reporter can't	1 involved in in in managing that on-line
2 take nods down.	2 bookstore.
3 Do you understand, broadly speaking,	3 Q. (By Mr. Bridges) Are you able to estimate
4 monetization of publications through revenue sources	4 a percentage of ASHRAE's expenses involved in what
5 like purchasing and licensing and the like?	5 you've just described?
6 A. Yes.	6 A. Boy, and I and I I left the
7 Q. And royalties?	7 easiest numbers, the printing costs, I just left out.
8 A. Yes.	8 Q. Right.
9 Q. What proportion of ASHRAE's yearly revenues	9 A. The cost to print
10 comes from the monetization of its standards as	10 Q. Right.
11 publications?	11 A a unit would be included.
12 A. I'm making sure I'm doing the math right.	12 You know, if if we have a hundred I'm
13 Q. That's fair. That's fair.	13 just guessing now. If you have a I said those
14 A. Let's see. It would be directly	14 those individuals, you know, we have a hundred
15 attributable to standards would be approximately	15 employees, so with various activities.
16 10 percent.	16 So I'd say 5 percent of labor and then you
17 Q. How else does ASHRAE earn revenue, other	17 figure the the cost of that infrastructure,
18 than through the monetization of its standards?	18 standards amounts to a large portion of it. And
19 A. Membership dues, conference registrations,	19 permissions, a lot of that is attributed to
20 advertising, subscription sales, educational course	20 standards. That's maybe that part, \$200,000.
21 registrations, certification, exposition income.	21 Q. 200,000 to the
And when you said "publications," if so	22 A. For the just the expenses of doing those
23 in addition to publications, we have books. So	23 things. The bookstore, I mean, you know, processing
24 books, if if if that's if you	24 orders, apart from the the the labor.
25 distinguish between standards in your questions, then	25 Q. So you're saying 5 5 percent of the
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1	staff count plus about 200,000 in expenses?	1	Q. Is that David Hollman?
2	A. That's correct, for the portion of the	2	A. It was somebody with Carrier, Carrier
3	standards work that is involved in what we do, which	3	Corporation.
4	is the distribution of those to the to the	4	Q. Carrier UTC?
5	marketplace.	5	A. Yes. Yeah, yeah.
6	I probably in terms of context, our	6	Q. Does the name David Hollman ring a bell to
7	bookstore is actually we do that in partnership	7	you?
8	with an outside group, so that is a we pay fees	8	A. I I think so.
9	associated with any time orders are taken through	9	Q. Do you know whether he's an ASHRAE member?
	our bookstore. So there are are costs that we	10	A. I do not know. Carrier's there are many
11	have through the through the vendor for operation	11	employees with with from of Carrier who are
	of our bookstore.		members of ASHRAE.
13	Q. And just to be clear, I think you either	13	Q. Do you recall any other information ASHRAE
14	said this or started to say it. I think I didn't	14	has regarding any potential monetary loss as a
	hear it completely.		consequence of defendant's conduct?
16	The expenses you just described were from	16	A. I have no firsthand knowledge of of
	that point in the process where your part of the		that.
	organization takes over and pushes the standards out	18	Q. Do you have any other information that you
	to the public. These numbers did not include the		might have acquired secondhand?
	costs and expenses and staffing that ASHRAE invests		A. With regard to
	in the creation and revision of the standards	21	Q. Monetary losses.
	themselves; correct?	22	A this this in this case?
23	MR. LEWIS: Objection.	23	Q. Caused by defendants, yes.
24	THE WITNESS: That is correct.	23	A. No, I do not have any any other
25	Q. (By Mr. Bridges) Has do you understand		knowledge of that.
	Page 62		Page 64
1	what a subvention is of a publication?	1	O Are you aware of any persons being misled
	what a subvention is of a publication?	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	
2	A. I do not.	2	as to a relationship between the defendants and
2 3	A. I do not.Q. Has ASHRAE ever received any grants to	2 3	as to a relationship between the defendants and ASHRAE?
2 3 4	A. I do not.Q. Has ASHRAE ever received any grants to support the publication of any particular standards?	2 3 4	as to a relationship between the defendants and ASHRAE? A. I'm not aware of that.
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1 THE WITNESS: Not not specifically.	1 some ramification for us, but I can't point to a
2 Q. (By Mr. Bridges) Do you know whether	2 specific claim that was made.
3 ASHRAE is aware of anyone being confused in any way	3 MR. BRIDGES: I think we've gone about an
4 by any conduct of the defendant?	4 hour. Why don't we take a lunch break now.
5 MR. LEWIS: Objection.	5 I'll just tell you that I don't anticipate using
6 THE WITNESS: I am that's if so,	6 the full seven hours in case you're worried
7 that's not been passed on to me. I I'm not	7 about timing.
8 aware of that.	8 MR. LEWIS: Okay.
9 Q. (By Mr. Bridges) Apart from Mr. Hollman	9 VIDEOGRAPHER: We're going off the record
10 and the other strike that.	10 at 12:24 p m.
11 Apart from Mr. Hollman and other standards	11 (Thereupon, there was an interruption in
12 development organizations, has anyone complained to	12 the proceedings.)
13 ASHRAE about the conduct of the defendant in this	13 VIDEOGRAPHER: We are back on the video
14 case?	14 record at 1:43 p m.
15 MR. LEWIS: Objection.	15 Q. (By Mr. Bridges) Good afternoon.
16 THE WITNESS: I do not know if anyone's	16 A. Good afternoon.
17 complained to ASHRAE. The only instance I'm	17 (Defendant's Exhibit 1078 was marked for
18 familiar is familiar with is that one.	18 identification.)
19 Q. (By Mr. Bridges) Whom I think is	19 Q. (By Mr. Bridges) Mr. Comstock, during the
20 Mr. Hollman.	20 morning session, you had mentioned communication from
21 A. Mr the fellow from Carrier.	21 someone connected with Carrier; correct?
22 Q. Right.	22 A. Correct.
And just so you know, we're going to dig up	23 Q. Please look at Exhibit 1078 and tell me
24 what we think is the relevant document. We just	24 what that exhibit is.
25 don't have it. We'll probably have to print it out,	25 A. This is an inquiry that we received from a
Page 66	Page 68
1 but I'll ask you to look at it. I'm not holding that	1 person with a Carrier UTC e-mail address noting that
2 back for some reason.	2 he found an ASHRAE document published at Resource.org
3 Is ASHRAE aware of any harms that it has	3 website.
4 suffered in any way from the conduct of the defendant	4 Q. Was that the instance you were referring to
5 in this case?	5 in your testimony this morning?
6 A. We always try to protect our copyright.	6 A. Yes, it was.
7 Whether I'm aware of any specific instances that have	7 Q. Do you recall whether there was any other
8 been brought to my attention about the the conduct	8 communication with Mr. Hollman about this topic?
9 in this case, I can't say I'm aware of that, but we	9 A. I do not recall any further exchange except
10 do have a process we follow where we protect our	10 what's represented here.
11 copyright, which we do consistently.	11 Q. What is Carrier?
12 Q. I understand that.	12 A. Carrier's probably well, one of the
13 Has ASHRAE suffered any harm to its	13 largest air-conditioning equipment suppliers in the
14 reputation as a consequence of the defendant's	14 world with a global global outreach, founded by
15 conduct in this case?	15 Willis Carrier, the so-called father of
16 A. I can't say at this point that ASHRAE has.	16 air-conditioning, if you would.
17 Q. Has ASHRAE encountered any communication in	17 Q. That actually reminds me of the
18 which a person informed or suggested to ASHRAE that	18 perspective you gave on that question reminds me,
19 ASHRAE would lose a sale of a standard because of the	19 what was your background before joining ASHRAE?
20 defendant's conduct in this action?	20 A. I worked for a newspaper after graduating
21 MR. LEWIS: Objection.	21 from from college. Graduated from a from a
21 THE WITNESS: I can't recall receiving any	22 school that had a very strong engineering program. I
23 such messages or being engaged in such	23 chose not to go into engineering, went into worked
24 conversations. It's intuitive that if our	24 for a newspaper and then did that for a short amount
25 documents are available, that there would be	25 of time and then took an editorial position with
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	1

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	ASHRAE.		five a total of five days of training, which is
2	Q. What newspaper were you working for?		a an intensive HVAC design training program, and
3	A. Bergen News.		much of that content deals with Standard 90.1
4	Q. Bergen County, New Jersey?	4	content, Standard 62.1 content.
5	A. Bergen County, New Jersey, yes.	5	Q. What other revenue-generating activities
6	Q. And you mentioned you graduated from a		does ASHRAE engage in, apart from the publication
7	school that had a very strong engineering program.		sales and licensing and the education offerings you
8	Which one was that?	8	just mentioned?
9	A. Lehigh University in Bethlehem,	9	A. Do you mean with a direct or indirect tie
10	Pennsylvania.	10	to standards, for example?
11	Q. So you had come to you came to ASHRAE	11	Q. Yes.
12	from a publishing and from a publishing background	12	A. The the magazine will our our
13	with a technology slant in the publishing?	13	principal magazine, which is a a trade
14	A. With a familiarity, to some degree, of		publication, B-to-B publication, ASHRAE journal
15	engineering, but it was mainly with an editorial	15	will will have will be quite often articles
16	background.	16	
17	Q. To what extent strike that.	17	So that that is always when we have
18	Earlier today when we were talking about	18	1
19	revenues, I think you were distinguishing between	19	that we will promote to our to our advertising
20	revenues that ASHRAE receives directly from the sale	20	base.
21	or licensing of publications and other revenues that	21	Q. What other activities does strike that.
22	may in some way involve the publications, such as	22	What other revenue-generating activities
23	training programs where a copy of a standard would be	23	does ASHRAE engage in relating to
24	furnished.	24	A. We have
25	Do you recall that?	25	Q standards?
	Page 70		Page 72
1	MR. LEWIS: Objection.	1	A. We have some electronic products, for
2	THE WITNESS: Yes, I do.	2	example, that are based on ASHRAE standards that
3	Q. (By Mr. Bridges) I'd like to explore for a	3	that apps that are based on content and ASHRAE
4	little bit what activities ASHRAE engages in that may	4	standards specifically. So we offer those types of
5	touch upon standards, apart from the sale or	5	products for sale.
6	licensing of standards.	6	Q. What are some of the apps?
7	So education is one; right?	7	A. For related to 62.1, there would be a
8	A. Correct.	8	a ventilation rate effectiveness app that we have
9	Q. What types of education offerings does	9	available, a duct-fitting app and a duct-fitting
10	ASHRAE provide?	10	database. However, that probably relates more to our
11	A. We we offer a a varied program. We	11	hand that relates more to our handbook than to
12	really take seriously trying to help with the	12	standards.
13	application of the standard, ensure the standards are	13	Right now, we're developing an app for 90.1
	applied properly.	14	compliance.
15	And so that consists of instructor-led	15	Q. Anything else in terms of standards
16	training that we will provide, either typically,	16	relating to revenue-generating activities?
	three-hour or six-hour courses for which there are	17	A. Users manuals.
18	registration fees, and we also will have web-based	18	Q. How are they organized? In other words, is
	learning programs that are available, which would be	19	there a user's manual for each standard?
	e-learning experiences that are available on demand.	20	A. Not for all the standards, but the more
21	And many of those courses deal with	21	-
	applications of of standards, and specifically		have users manuals to assist with their appropriate
	there's there's quite a few courses that would	23	
1	deal with topics related to 90.1.	24	Q. I assume there's a user's manual for 90.1?
24			
24 25		25	A. There is.

19 (Pages 70 - 73)

1Q. What other rev revenue-generating 2 activities does ASHRAE engage in pertaining to 3 standards?1that are are are deemed by peers to have beer 2 successful. They're developed by people who are 3 recognized by their peer peers as being 4 knowledgeable in their respective fields.5asales of the documents. We've covered the articles 6 that would impact the advertising, the courses, the 4 ancillary support documents.1that are are are deemed by peers to have beer 2 successful. They're developed by people who are 3 recognized by their peer peers as being 4 knowledgeable in their respective fields.6bat would impact the advertising, the courses, the 4 are clury support documents.6the the ASHRAE handbook really provide th 7 provide solutions. They they they incorporat 8 rever lows may be available be beause of new products 11 often push back at it a little bit wherever 1 hear 14 it, so don't take this personally.16Q. Does the sale of strike that. 171010ferm subsidize other ASHRAE activities apart from 13 standards development 2017Does the sale and licensing of standards 18 subsidize other ASHRAE activities apart from 19 standards development 21 Q. (By Mr. Bridges) and publication?1122A. All of the revenue flows into a single 23 are very low-selling standards, so there are so it 24 are very low-selling standards, so there are so it 25 would be fair to say that some if a standard 25 would be fair to say that some if a standard 26 mR. LEWIS: Objection.121generates more revenue, that helps support those 2 activities that don't have revenue streams that would 3 cover them	
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10difficult time finding the financial support to carry them forward.10the role that ASHRAE provides in offering solutions is to help guide those engineers to	
11 carry them forward. 11 solutions is to help guide those engineers to	
12 Q. (By Mr. Bridges) And in your last 12 to provide the appropriate the the	
13 statement, you said, "Our obligation is to advance 13 appropriate application of technology which be	est
14 the technology." 14 solves the design problem that they face.	
15 Is that a summary or a reference to 15 Q. (By Mr. Bridges) Thank you for that	
16 ASHRAE's mission? 16 explanation.	
17 A. In our bylaws, ASHRAE's organized to 17 I spoke with ASHRAE counsel during a broke	ak
18 advance the arts and sciences of heating, 18 about your testimony earlier today about the readi	
19 refrigeration, air-conditioning, ventilation, and 19 room.	-
20 their allied arts and sciences.20Did you have any clarifications that you	
21 Q. How does ASHRAE's development and 21 wanted to make about the functionality of the read	ling
22 publication of its standards advance the technology? 22 room? I'm sorry, about the functionality of the free	- 1
23 A. Because it sets a a standard for 23 viewing facility.	
24 practice. It incorporates through user experiences 24 A. Yes. I in in checking that	
25 those solutions to technical applications that are 25 point, I understand now that there's search	
Page 75 Pag	

^{20 (}Pages 74 - 77)

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	capability that you can apply in our free viewing	1	Q. Thank you for clarifying that.
2	capability documents.	2	Again, regarding individual purchases of
3	It's still my understanding that you cannot		PDFs, can you think of any other terms and conditions
4	cut and paste from those documents, but you are able	4	for that type of sale?
5	to search and view.	5	A. I cannot.
6	Q. Thank you.	6	Q. So we've just talked about terms and
7	For the free viewing facility, you	7	conditions for personal access to electronic
8	mentioned that one does not have to register; is that	8	documents.
9	correct?	9	What other types of transactions does
10	A. That is my understanding.	10	ASHRAE engage in with respect to electronic access to
11	Q. Does someone have to agree to terms of	11	AS ASHRAE's standards?
12	service in order to engage in the free viewing?	12	MR. LEWIS: Objection.
13	A. I do not believe so.	13	THE WITNESS: We have CD products that
14	Q. Moving away from free viewing now to sales	14	would include standards. There would be a
15	of physical documents, does ASHRAE impose any	15	message that has an agreement that you would
16	obligations on the purchaser of standards in physical	16	have in accessing that CD, which would be
17	form as a condition of that transaction?	17	similar in in wording, that this is for
18	A. If in paper form	18	personal use only.
19	Q. Right.	19	And then network licenses, although we do
20	A no.	20	not direct we do not directly sell network
21	Q. What about the sale of electronic access to	21	licenses ourselves, those are done by
22	standards? Does ASHRAE impose any obligations on the	22	third-party those value-added resellers that
23	purchaser of standards in that fashion as a condition	23	I referenced before.
24	of that transaction?	24	Q. (By Mr. Bridges) Apart from the ones you
25	A. In in a legal sense, "obligations" means	25	just discussed, what other types of transactions does
	Page 78		Page 80
1	that restrictions?	1	ASHRAE engage in with respect to electronic access to
1 2			ASHRAE engage in with respect to electronic access to ASHRAE's standards?
-	Q. Well, that's a good question. I'll get		ASHRAE's standards?
2		2 3	
2 3	Q. Well, that's a good question. I'll getthere, because that's not exactly what I had in mind.Does somebody have to promise to do	2 3	ASHRAE's standards? A. CDs, PDFs, network through our resellers.
2 3 4 5	Q. Well, that's a good question. I'll get there, because that's not exactly what I had in mind. Does somebody have to promise to do	2 3 4	ASHRAE's standards? A. CDs, PDFs, network through our resellers. I believe that's it, those those three areas.
2 3 4 5 6	Q. Well, that's a good question. I'll getthere, because that's not exactly what I had in mind.Does somebody have to promise to dosomething or promise not to do something in order to	2 3 4 5 6	ASHRAE's standards?A. CDs, PDFs, network through our resellers.I believe that's it, those those three areas.Q. What strike that.
2 3 4 5 6	Q. Well, that's a good question. I'll get there, because that's not exactly what I had in mind. Does somebody have to promise to do something or promise not to do something in order to purchase electronic access to standards that ASHRAE	2 3 4 5 6 7	ASHRAE's standards? A. CDs, PDFs, network through our resellers. I believe that's it, those those three areas. Q. What strike that. Do the terms and conditions associated with the sale of CDs match i identically the terms and
2 3 4 5 6 7 8	Q. Well, that's a good question. I'll get there, because that's not exactly what I had in mind. Does somebody have to promise to do something or promise not to do something in order to purchase electronic access to standards that ASHRAE has published?	2 3 4 5 6 7 8	ASHRAE's standards?A. CDs, PDFs, network through our resellers.I believe that's it, those those three areas.Q. What strike that.Do the terms and conditions associated with
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$2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \\ 13 \\ 14 \\ 15 \\ 16 \\ 17 \\ 18 \\ 19 \\ 20 \\ 21 \\ 22 \\ 23 \\ 24 $	 Q. Well, that's a good question. I'll get there, because that's not exactly what I had in mind. Does somebody have to promise to do something or promise not to do something in order to purchase electronic access to standards that ASHRAE has published? A. My recollection is that they would agree to certain terms and conditions when making a purchase of an electronic document. Q. Do you recall what some of those terms and conditions are? A. I believe those terms and conditions would be that the document is for personal use only, may not be copied nor distributed to another party. Q. Anything else? A. Perhaps there is store you're not able to store unless it's for your personal use. I can't recall that exact wording, but the notion would be that you're not able to put it into a cloud from which other or a company network from which other 	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	 ASHRAE's standards? A. CDs, PDFs, network through our resellers. I believe that's it, those those three areas. Q. What strike that. Do the terms and conditions associated with the sale of CDs match i identically the terms and conditions associated with the sale of physical documents? MR. LEWIS: Objection. THE WITNESS: The wording would not be identical. The intent of what is conveying the the notion and concept this is for individual use would be consistent among the terms and conditions. Q. (By Mr. Bridges) Actually, I think I misspoke. I may have given you a misleading question, so your counsel was wise to object. Because I think you said that there were no terms and conditions associated with the sale of physical documents; right? I think I should have meant PDFs, so let me start all over again.

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1 2 3	Q. Oh, paper, but but did you mean PDF? This is confusing enough. I'm just going to	2	license has been purchased. Q. When a third-party reseller delivers ASHRAE products to customers for network uses, does a
4	MR. LEWIS: I'm just going to throw an	4	reseller impose terms and conditions on the
5	objection in there.	5	purchasers?
6	MR. BRIDGES: Yeah, put an objection in	6	A. Yes. Yes.
7	there.	7	Q. And to the extent the reseller is reselling
8	Q. (By Mr. Bridges) I'll I'll move on and	8	matters that pertain to ASHRAE's standards, does
9	give you a better question.		ASHRAE dictate the terms and conditions of the
10	A. Okay.	10	customer's use of ASHRAE's standards?
11	Q. I think you said there were no obligations,	11	A. Typically, we do not go into great detail
12	terms and conditions, on the sale of paper documents.	12	about the terms and conditions statement.
13	A. I believe that's what I said and I believe	13	Often and we have maybe 10 such
14	that was the case.		agree maybe five such agreements the the
15	Q. So let me rephrase this question.		language may actually be part of the agreement, part
16	There are terms and conditions associated	-	of the contract with the reseller.
	with sales of electronic access to PDFs that users	17	In other cases, it may be something
	can download; correct?	18	generic, such as the the reseller will provide
19	A. That is correct.	19	digital rights management, controls over the
20	Q. There are terms and conditions associated	20	
	with the sale of standards in an electronic media,	21	But I would dare say for all the
	such as CDs, where the media are physically delivered		agreements, there's a there's some language that
	to the customers; correct?	23	
24	A. That is correct.		apply prudent and appropriate levels to ensure
25	Q. How do the terms and conditions with Page 82	25	protection of the documents. Page 84
	Tuge 02		I dge of
	respect to those two categories differ from each	1	Q. Does ASHRAE approve or review terms and
2	other?	2	conditions that the reseller imposes on its customer
2 3	other? A. The intent is would be similar, in that	2 3	conditions that the reseller imposes on its customer when its customer purchases electronic access to an
2 3 4	other? A. The intent is would be similar, in that it's they are both meant for personal use.	2 3 4	conditions that the reseller imposes on its customer when its customer purchases electronic access to an ASHRAE standard?
2 3 4 5	other? A. The intent is would be similar, in that it's they are both meant for personal use. There may be some nuances of the platform	2 3 4 5	conditions that the reseller imposes on its customer when its customer purchases electronic access to an ASHRAE standard? MR. LEWIS: Objection.
2 3 4 5 6	other? A. The intent is would be similar, in that it's they are both meant for personal use. There may be some nuances of the platform that are involved with that delivery that may require	2 3 4 5 6	conditions that the reseller imposes on its customer when its customer purchases electronic access to an ASHRAE standard? MR. LEWIS: Objection. THE WITNESS: Typically, we do not.
2 3 4 5 6 7	other? A. The intent is would be similar, in that it's they are both meant for personal use. There may be some nuances of the platform that are involved with that delivery that may require some differences in the specific wording.	2 3 4 5 6 7	conditions that the reseller imposes on its customer when its customer purchases electronic access to an ASHRAE standard? MR. LEWIS: Objection. THE WITNESS: Typically, we do not. However, sometimes those terms are in the are
2 3 4 5 6	other? A. The intent is would be similar, in that it's they are both meant for personal use. There may be some nuances of the platform that are involved with that delivery that may require some differences in the specific wording. Q. Then take me a step further.	2 3 4 5 6 7 8	conditions that the reseller imposes on its customer when its customer purchases electronic access to an ASHRAE standard? MR. LEWIS: Objection. THE WITNESS: Typically, we do not. However, sometimes those terms are in the are in the agreement that we have with a reseller.
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1	ties very closely to the notice of deposition.	1	Does ASHRAE have different terms and
2	Is ASHRAE aware of any consumer confusion,	2	conditions for licenses of standards according to
3	mistake, or deception caused by Public Resources'		whether the standards are incorporated into law or
4		4	regulation or not?
5	you discussed this morning?	5	A. No, I cannot think of any any difference
6	A. I have no knowledge other than what I		for that.
	discussed this morning.	7	I I did think of one other thing I
8	Q. A similar question, but phrased slightly		should say.
9		9	Q. Go ahead.
10	Does ASHRAE have any awareness of any	10	A. I for example, I can back to a case
	consumer confusion, mistake, or deception caused by		like professors, which you mentioned, there may be a
	the appearance of ASHRAE's standards that Public		case where some group is writing another standard and
1	Resource has posted?		that standards writing group will ask can they make a
14	A. Except for what I stated this morning, I'm		standard of ours available for reference on that association's website restricted to members of that
1	not aware of any other.		
16	Q. Does ASHRAE have any special licensing		committee. There's cases where I would probably
	terms with respect to its standards for particular types of users?	17	grant that, as well.
10	MR. LEWIS: Objection.		Q. That would be something as to which you would apply your discretion and custom tailor
20	Q. (By Mr. Bridges) By for example, does		something, rather than having a a set alternative
1	it give different terms for the sale or license of		for that type of content?
	its standards to public libraries or to universities	21	A. Yes. Usually, that that would come in
	or to professors?		through the channel of a reprint permission, may we
24	A. Our licenses would be our licenses would		reprint that standard. And as corollary to that,
	be handled by the resellers.		they say, "Well, instead of sending us paper copies,
	Page 86		Page 88
-			
1	When it comes to professors, there might be	1	can we put it on a a restricted intranet available
$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	When it comes to professors, there might be some cases where we would allow some content to be		can we put it on a a restricted intranet available only to the members of the committee writing the
2	some cases where we would allow some content to be	2	only to the members of the committee writing the
2 3	some cases where we would allow some content to be used in course packs, for example. I'm not sure if	2	only to the members of the committee writing the standard so they have reference?"
2 3 4	some cases where we would allow some content to be used in course packs, for example. I'm not sure if that borders as much on reprint permission as it does	2 3 4	only to the members of the committee writing the standard so they have reference?" So there are instances where we've we've
2 3 4 5	some cases where we would allow some content to be used in course packs, for example. I'm not sure if that borders as much on reprint permission as it does a as a network license, but certainly I do receive	2 3 4 5	only to the members of the committee writing the standard so they have reference?" So there are instances where we've we've done that sort of activity, which I apply my judg
2 3 4 5 6	some cases where we would allow some content to be used in course packs, for example. I'm not sure if that borders as much on reprint permission as it does a as a network license, but certainly I do receive requests from instructors to use content in their	2 3 4 5	only to the members of the committee writing the standard so they have reference?" So there are instances where we've we've done that sort of activity, which I apply my judg judgment for in granting.
2 3 4 5 6	some cases where we would allow some content to be used in course packs, for example. I'm not sure if that borders as much on reprint permission as it does a as a network license, but certainly I do receive requests from instructors to use content in their classes.	2 3 4 5 6 7	only to the members of the committee writing the standard so they have reference?" So there are instances where we've we've done that sort of activity, which I apply my judg judgment for in granting. Q. Does ASHRAE have different terms and
2 3 4 5 6 7 8	some cases where we would allow some content to be used in course packs, for example. I'm not sure if that borders as much on reprint permission as it does a as a network license, but certainly I do receive requests from instructors to use content in their	2 3 4 5 6 7 8	only to the members of the committee writing the standard so they have reference?" So there are instances where we've we've done that sort of activity, which I apply my judg judgment for in granting.
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	access to ASHRAE's standards from the terms available		standards is in PDF form. So whatever the
	to the general public?		functionality associated with a PDF is, that is what
3	1		you would find on the CD.
	somebody is a code official and writes to us making a	4	That sounded to me like a technological
	request for purchase as a code official on their		restriction embedded in the CD, on what people could
	letterhead, there is a a discount category that's	6	do with the CD; is that correct?
	available to them as a code as an individual code	7	MR. LEWIS: Objection.
8	official.	8	THE WITNESS: What I meant to say was that
9		9	we don't alter the PDF functionality; we just
10	A. I've never explored it all that that	10	take the PDF that we finish our editorial
	detail.	11	process with, create a PDF, and that file gets
12	5	12	moved over and manufactured as part of the CD.
13	code enforcement body that would be part of a	13	So we just use that that file format as
14	governmental entity, most likely at a municipal,	14	being an easily transportable file that the user
15	perhaps state, level.	15	can can use the way you normally would a PDF.
16	Q. When ASHRAE licenses its standards that are	16	Q. (By Mr. Bridges) So my question following
17	on a CD to an individual for personal use, does that	17	up on that is this: Is there anything in the license
18	license include the ability of the individual to make	18	grant that accompanies the CD when ASHRAE sells or
19	and preserve altered versions of the standards; for	19	delivers the CD to a user that regulates the
20	example, extracts for reference or terms juxtaposed	20	different types of things that the user can do with
21	in a different way?	21	the CD with the with the documents on the CD?
22	A. To the best of my knowledge, with our	22	For example, does, to ASHRAE's
23	current CD product, those standards are each	23	understanding, the license prohibit a user from
24	available on the CD.	24	making edits to the standard for one's own reference
25	5	25	and, therefore, changing the standard?
	Page 90		Page 92
1	1	1	MR. LEWIS: Objection.
2		2	THE WITNESS: There is nothing in the
3	,	3	license agreement that I can recall that would
4		4	prevent a user from doing that.
5	5	5	Q. (By Mr. Bridges) Is there anything in the
	with PDF is, that is what you would find on the CD.		license agreement that authorizes a user to do that?
7			A. To the best of my recollection, the license
	on the functionality of the CD as a way of limiting	8	agreement would be silent on that issue.
	the license that is available for use of the CD?	9	Q. Is it ASHRAE's understanding that the scope
10	5		of permissions granted to the user in the license has
11			the same contours as the technological capability of
12	1	12	the PDF files in the CD
13	1	13	MR. LEWIS: Objection.
14		14	Q. (By Mr. Bridges) themselves?
15		15	MR. LEWIS: Objection.
16	-	16	THE WITNESS: That would be my
17		17	understanding, the contours between the content
	about technical restrictions, then; you're talking	18	on the CD and PDF technology would be the same.
	about license restrictions?	19	Q. (By Mr. Bridges) This is another one of
20		20	these questions where I'm going back and tying it
21		21	
22	question.	22	Has ASHRAE identified, apart from what
23	You said that on the one CD that has a	23	you've mentioned today, any harms, financially or
24	complete set of standards, each one of those	24	otherwise, to ASHRAE arising from any acts,
	the stands in the set of the set in distinct	25	
25	standards is each one of those individual	25	omissions, or operations of Public Resource? Page 93

24 (Pages 90 - 93)

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1	A. The the the concerns that that	1	How do ASHRAE's standards function as
	that ASHRAE has is to be able to maintain control		working tools for persons who are part of the
1	over its its document for how it's it's used	3	engineering community?
	and distributed in the market in accordance with	4	A. ASHRAE's stan they they provide a
	its with its terms.		well, many of the standards are method of test, so
6	Whether there's a specific harm that's been		they provide methods of testing equipment so that
	seen from PR from the case at hand, I can't speak		equipment can be measured can be compared with
	to that. But in in principle, the the	1	similar levels of performance.
9	organization sees harm if if it if its	9	Our some of the standards set
10	documents are not able to be maintained.		definitions of refrigerants and classify those
11	Q. And apart from that, has ASHRAE detected		refrigerants in terms of their flammability, in terms
	any harms, financially or otherwise, to itself	12	of their toxicity, different characteristics.
13	arising from any acts, omissions, or operations of	13	And then you have a third type of standard,
14	Public Resource?	14	which is a design standard, which actually provides
15	A. I I've got no evidence. I have not seen	15	guidance that says, "You shall have a your design
16	cases of that.	16	shall do this in these circumstances."
17	Q. Again, this overlaps a little bit with some	17	Q. And as you just mentioned, does that
18	earlier questions.	18	guidance take the form of specific requirements that
19	What what are all the factors that you	19	are specified in the standard?
	understand ASHRAE considered in deciding to provide	20	A. It says "shall."
21	free viewing to ASHRAE's standards?	21	Q. So that answer's yes?
22	A. I was the one who actually launched that	22	A. Yes.
23	effort, and it was so much of what we do is a	23	Q. Were there any other factors involved in
24	balance between trying to assist our members, trying	24	the decision to provide free viewing of ASHRAE's
25	to help provide a better explanation of the	25	standards?
	Page 94		Page 96
1	technology, and allowing our our business model	1	A. No. Those three factors were the that
2	to to to be supported. So it was a combination	2	was the the the thrust of our initiative.
3	of those things.	3	Q. Are there any protocols or procedures at
4	Number one was to in in theory, when	4	ASHRAE governing the granting of licenses or
5	we first decided to move in that direction, it was so	5	permission requests to anyone outside the
6	that our members could see a document and be able to	6	organization? And you can limit your answer to
7	determine if they wished to buy it or not. So they	7	standards.
8	had some familiarity that, yes, this is a document	8	A. Typically, the factors that would be
9	that would be worthwhile for us to have, and then		considered would be amount of content that's to be
1	then to be able to build into that that notion that	10	used. Typically, we would want it to be less than
11	then it's going to lead to a sale.	11	33 percent of a standard. That's not a hard and fast
12	And then there are our mission statement	12	rule, but that's a general guideline that my
13	means that we are to advance technology, so then the	13	assistant has.
14	third element would be to make it available to other	14	We would look at what the use is. If it's
15	people who would have an interest in in looking at	15	a classroom use, that's one thing; if it's posting it
16	the standard, but but would not be an engineer or	16	on the Internet, that's another thing; if it's a
17	part of the engineering community, so wouldn't need	17	company brochure, that's another thing. So it's
18	the technical depth of the the document as a	18	it's it's how the distribution will be done and
19	working tool.	19	and who is doing it, for example, a company, as
20	So it's those three factors that went into	20	11
21	our decision to create the the free viewing,	21	Then there would also be the you know,
22	which, again, I'm I can't recall the exact year,	22	
1	but it's it's 15 years ago, maybe even a little	23	be a citation so that the doc the document is
24	bit longer than that.	24	sourced. And in that particular case, it would be
25	Q. How do the standards func strike that.	25	reprinted as it is unless it's specified that it
	Page 95		Page 97

25 (Pages 94 - 97)

1			
	is that there's commentary about it it it	1	publishes the altered version that suits it.
2	being modified in some way.	2	Are you aware of that type of scenario?
3	Q. Do you know whether some jurisdictions	3	A. I am not. I'm not saying it may not
	incorporate ASHRAE standards into their laws or		happen, but there's no I have no no knowledge
5	regulations by quoting the standards, literally, in	5	of that passing through through my office or I
6	the laws and regulations?	6	have no knowledge of it happening at all.
7	MR. LEWIS: Objection.	7	Q. Does ASHRAE require any royalties from any
8	THE WITNESS: I think there must be some	8	jurisdictions that adopt or incorporate ASHRAE's
9	cases like that. Offhand, I can't recall any	9	standards into law or regulation?
10	specific instances. It seems logical that there	10	A. By ref by reference?
11	would be such a reference.	11	Q. Whether it's incorporation or adoption,
12	I'm not I don't get involved	12	either explicitly or by reference.
13	specifically with code adoption. The request to	13	A. From from my perspective, I would look
14	use our content would come to me; I just look at	14	at reprint permission. I'm not aware of any
15	it in terms of a a reprint request. It seems	15	reprinting of our standards with modifications by
16	that logical there would have been some cases	16	government officials, so there would be I'm not
17	to that nature. I don't think it's an abundance	17	aware of any royalties from that.
18	of such cases.	18	If a standard was adopted exactly as we
19	Q. (By Mr. Bridges) And then another way in	19	have published it and is distributed by that
20	which standards get incorporated or adopted into law	20	governmental entity, that would be a reprint
21	or regulation is by reference; correct?	21	permission and we would charge a royalty fee that
22	MR. LEWIS: Let me just stop for just a	22	would be associated with that, because that would be
23	second and point out that this witness is not	23	a distribution of our standard.
24	addressing incorporation or adoption.	24	Q. So ASHRAE would charge the jurisdiction
25	MR. BRIDGES: I understand. This is	25	that reprint fee?
	Page 98		Page 100
1	foundational to get to	1	A. That that is correct.
2	MR. LEWIS: Sure, sure. I just wanted to	2	Q. If a state adopted an ASHRAE standard
$\begin{vmatrix} 2\\ 3 \end{vmatrix}$	MR. LEWIS: Sure, sure. I just wanted to make sure you were aware of that.		Q. If a state adopted an ASHRAE standard exactly into its law and then wished to make that
	make sure you were aware of that.	3	Q. If a state adopted an ASHRAE standard exactly into its law and then wished to make that standard, now law, available for free and
3 4		3 4	exactly into its law and then wished to make that standard, now law, available for free and
3 4	make sure you were aware of that. Q. (By Mr. Bridges) So I'll repeat my last question.	3 4 5	exactly into its law and then wished to make that standard, now law, available for free and unrestricted public access on the Web, would ASHRAE
3 4 5 6	make sure you were aware of that. Q. (By Mr. Bridges) So I'll repeat my last question. Another way in which standards get	3 4 5 6	exactly into its law and then wished to make that standard, now law, available for free and
3 4 5 6 7	make sure you were aware of that. Q. (By Mr. Bridges) So I'll repeat my last question.	3 4 5 6	exactly into its law and then wished to make that standard, now law, available for free and unrestricted public access on the Web, would ASHRAE charge that state a fee for posting the standard on
3 4 5 6 7	make sure you were aware of that. Q. (By Mr. Bridges) So I'll repeat my last question. Another way in which standards get incorporated or adopted into law or regulation is by	3 4 5 6 7	exactly into its law and then wished to make that standard, now law, available for free and unrestricted public access on the Web, would ASHRAE charge that state a fee for posting the standard on the Web?
3 4 5 6 7 8	make sure you were aware of that. Q. (By Mr. Bridges) So I'll repeat my last question. Another way in which standards get incorporated or adopted into law or regulation is by reference; correct?	3 4 5 6 7 8	exactly into its law and then wished to make that standard, now law, available for free and unrestricted public access on the Web, would ASHRAE charge that state a fee for posting the standard on the Web? MR. LEWIS: Objection.
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1		1	ASHRAE home page.
2	unfair. I'm drinking coffee after coffee. If	2	Secondly would be if they con if they
3	5 5 5	3	just contact ASHRAE in in general.
4	,	4	
5	MR. LEWIS: How long have we been back on	5	you're aware of?
6		6	
7		7	č 8 /
8			it my understanding, based on your testimony earlier,
9			that the person contacting ASHRAE is likely to be
10			directed to your assistant?
11	VIDEOGRAPHER: This is the end of Video 2.	11	A. That is correct.
12		12	Q. And your assistant would typically act as
13			some kind of interface between ASHRAE and whoever's
14			seeking the permission?
15	8 8	15	A. That is correct.
16	1	16	Q. Who besides yourself would direct your
17	Q. (By Mr. Bridges) Mr. Comstock, I'm handing		assistant in connection with the assistant's handling
	you Exhibit 1079.		the requests for permission?
19	(Defendant's Exhibit 1079 was marked for	19	A. I would be the only person who would be
20	,		giving her that direction.
21	Q. (By Mr. Bridges) Can you please tell me what it is?	21	Q. I also want to review systematically some
22			of the information that I've heard today about sources other than ASHRAE for ASHRAE standards.
	A. This appears to be the terms of use for the ASHRAE.org website.	23	So to begin with, ASHRAE makes its
24	-		standards available through the Web to persons who
25	Page 102	25	Page 104
1	Important and the terms of use that emply for	1	want to view on acquire the standards through the Wah
	knowledge, from the terms of use that apply, for example, to CD products that ASHRAE delivers?		want to view or acquire the standards through the Web
$\begin{vmatrix} 2\\ 3 \end{vmatrix}$	A. The intent of this was for access to the		interface, whether by using the free viewing facility or by ordering a PDF or ordering a CD; is that
	website, so it was developed specifically for the		correct?
	website, so it was developed specifically for the website, the other the terms of use for the CD for	5	A. That is correct, or a book.
	that product.	6	Q. If somebody wants networked access to
		-	ASHRAE's standards, that person normally goes through
	applies to persons who use the free viewing facility		a reseller; is that correct?
	of the ASHRAE website?	9	
10		10	
	with the website and its content, so if the free		earlier today; correct?
	viewing is part of that, then my assumption is that	12	A. That is correct.
	would apply.	13	Q. Are there any other significant resellers
14	** •		apart from the four you mentioned who resell ASHRAE's
	equally to ASHRAE members and to non-members?		standards?
16		16	A. I don't significant sellers, the only
17	for for members.	17	other ones that come to mind, SAI Global I don't
18	Q. So to the best of your information, it	18	believe I referenced them, and Barber Index would
19	would apply to both members and non-members?	19	be would be I think that may be six then.
20	A. I would think that's correct.	20	Those are the principal resellers.
21	Q. You've touched on this a little bit, but	21	Q. And then apart from them, there may be book
22	what are the different ways persons can approach	22	retailers?
23	ASHRAE in order to gain permission to use information	23	A. (Witness nodded head affirmatively.)
24	from an ASHRAE standard?	24	MR. LEWIS: You have to
25		25	THE WITNESS: Yes.
1	Page 103		Page 105

27 (Pages 102 - 105)

1 Q. (By Mr. Bridges) What other major sources	1 include in the package that's purchased documents
2 of AST sorry, of ASHRAE standards other than	2 from ASHRAE, as well as other organizations.
3 ASHRAE have I missed?	3 Q. Okay. So that might be a would that be
4 A. When you say "sources," sources that make	4 for on-line access?
5 our documents available in the marketplace?	5 A. My understanding is that, yes, that would
6 Q. Right, right. What I would consider to be	6 be for on-line access.
7 a source to which a member of the public would go in	7 Q. So that would be a form of multi-title
8 order to obtain ASHRAE standards.	8 on-line access where the different titles might come
9 A. I know we have publications in Amazon, for	9 from different organizations?
10 example. I don't know if offhand, I can't recall	10 A. That is correct.
11 if among the titles they offer are standards, but I	11 Q. Does ASHRAE authorize anyone to disseminate
12 would think it's likely that they would be.	12 to the public any ASHRAE standards together with
13 Q. Any others that we haven't reviewed?	13 someone else's annotations or commentary?
14 A. There's an assortment of small book	14 MR. LEWIS: Objection.
15 redistributors, Engineer's Bookstore over at Georgia	15 THE WITNESS: I do not recall any such
16 Tech, for example, Barnes & Noble, which does college	16 license.
17 bookstores. They may maintain inventory of ASHRAE	17 Q. (By Mr. Bridges) If someone wishes to
18 standards for resale.	18 publish a book advising the public how to make the
19 Q. Do college students get a discount on the	19 most effective use of ASHRAE standards, does ASHRAE
20 price of AS of ASHRAE standards?	20 take the position that the author or publisher of
A. We have a student member price that is	21 such a book would need a grant of permission or a
22 available to student members of ASHRAE.	22 license from ASHRAE?
23 Q. And do members have to purchase standards	23 A. ASHRAE's position would be if there's
24 through ASHRAE's website in order to take advantage	24 content from the standard that is used as it's
25 of member discount?	25 expressed in the ASHRAE standard, then permission
D 10	
Page 10	6 Page 108
Page 10 1 A. Yes, yes, through the website or by calling	Page 108 Page 108 Page 108
1 A. Yes, yes, through the website or by calling 2 our customer service department.	
1 A. Yes, yes, through the website or by calling	1 would be required.
 A. Yes, yes, through the website or by calling our customer service department. Q. And did you say earlier that ASHRAE authorizes some entities to include ASHRAE standards 	 would be required. Q. Does ASHRAE know whether, apart from the
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1 unauthorized postings of its standards apart from the	1 qualify to register to make comments on that
2 posting by defendant in this case?	2 ExCHANGE?
3 A. We typically have success removing postings	3 A. My
4 as they come up, but it's a continuing problem.	4 MR. LEWIS: Same objection.
5 Q. Does ASHRAE have any information suggesting	5 THE WITNESS: My recollection is that you
6 that Public Resource has posted ASHRAE standards or	6 provide your name, e-mail address, and verify
7 any standards to the Internet for purposes other than	7 you're over a certain age to allow you to post.
8 a public benefit?	8 Q. (By Mr. Bridges) And does one have to
9 MR. LEWIS: Objection.	9 agree to terms of service?
10 THE WITNESS: I have no knowledge of the	10 A. I imagine there there is a yes, there
11 motivations.	11 is a terms of service that you would agree to.
12 Q. (By Mr. Bridges) Apart from the formal	12 Q. Does ASHRAE make public its standards for
13 committee process leading to standards development,	13 free viewing through a facility other than the free
14 are you aware of any of the plaintiffs providing a	14 viewing facility we've discussed when standards are
15 public facility for the posting of discussions or	15 under consideration for incorporation by a
16 comments by the public about the standards of the	16 government?
17 plaintiffs?	17 A. I am not aware of that.
18 MR. LEWIS: Objection.	18 (Plaintiffs' Exhibit 1080 was marked for
19 THE WITNESS: I have no knowledge of any	19 identification.)
20 other organizations	20 Q. (By Mr. Bridges) Mr. Comstock, I hand you
21 Q. (By Mr. Bridges) What about	21 Exhibit 1080. This is an exchange of e-mails between
22 A what they do.	22 you and someone who's contacted ASHRAE regarding
23 Q ASHRAE? How does that apply to ASHRAE?	23 extracting some information for another code and
A. Could you ask the ques question again,	24 guideline; is that correct?
25 please?	A. This appears to be a request for use of
Page 110	Page 112
	1 content for 90.1.
1 Q. Sure.	1 content for 90.1. 2 O. And I'm not trying to force you into a
1 Q. Sure. 2 Apart from the formal committee process	2 Q. And I'm not trying to force you into a
1 Q. Sure. 2 Apart from the formal committee process 3 that's part of standards development, are you aware	2 Q. And I'm not trying to force you into a 3 any unfair characteriz characterization, so feel
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1 A. (Witness nodded head affirmatively.)	1 A. Year designation.
2 Q. So this means that is this correct that	2 Q. Year designation.
3 this means that somebody has to pay this license fee	3 And that would a new year designation
4 and then separately has to purchase a PDF file?	4 means that, within the meaning of this document, it's
5 A. That is correct.	5 an updated standard?
6 Q. This license fee, this agreement, cost	6 A. That is correct.
7 \$1,000; correct?	7 Q. Okay. What do the addenda typically
8 A. As I as I see stated here, yes.	8 include?
9 Q. How much more does somebody have to pay to	9 A. Typically, an addenda or I guess I
10 purchase the PDF file?	10 should a singular addendum would be a section of
11 A. This would have been a somewhere	11 the standard that has been revised, so the committee
12 between well, what's the date of this? 2009.	12 has agreed to revise this section of the standard.
13 My assumption is that there's previous	13 That then becomes an addendum.
14 reference to these being ASHRAE members, so most	14 Q. Do the addenda contain corrections to
15 likely they paid a fee of something about \$99, which	15 errors that may have appeared in a published version
16 would have been the member price.	16 of a standard in the nature of an errata?
17 Q. And it goes on to say, "Networking of	17 MR. LEWIS: Objection.
18 updated standards would require a new licensing	18 THE WITNESS: I I believe the errata is
19 agreement. This standard is on continuous	19 a sep that's a separate issue. The addenda
20 maintenance."	20 would be a change to the standard.
21 What does that last sentence mean?	21 Q. (By Mr. Bridges) Okay. Thank you.
A. Continuous maintenance is the process that	22 Would the errata be furnished would the
23 ASHRAE followed so that every three years there's a	23 errata to a particular version be included within the
24 revision of that standard released.	24 license for that version?
25 Q. Now, in the sentence before that, I think	25 A. Yes, and that was our attempt to say that,
Page 114	Page 116
1 which I also earlier read, it said, "Networking of	1 "Here is you you have access just as anyone has
2 updated standards would require a new licensing	2 access to the addenda, you do, as well."
3 agreement."	3 Q. So this says that the license does not
4 Then it goes on to say, "This standard is	4 expire, correct, in the second sentence of the first
5 on 'continuous maintenance'" and then it says, "Any	
	5 full paragraph?
6 approved addenda posted on the ASHRAE website may	6 A. Second sentence. I see the sen that's
6 approved addenda posted on the ASHRAE website may7 also be included with the document on the network at	6 A. Second sentence. I see the sen that's 7 correct, it does say that.
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 6 approved addenda posted on the ASHRAE website may 7 also be included with the document on the network at 8 no additional fee." 9 So there's a license to a standard, but it 10 doesn't cover updated standards; correct? 11 A. It does not include revisions different 12 versions of that standard. This license is for 90.1 13 2007. 14 Q. But it looks to me as though it does 15 that the license does extend to any approved addenda 16 posted on the ASHRAE website. 17 A. That is correct, because those addenda are 18 freely available as individual units. 19 Q. Okay. So there's a there's a standard 20 and then the standard may have some addenda over 21 time; is that correct? 22 A. That is correct. 23 Q. But then after a certain point in time, the 	 6 A. Second sentence. I see the sen that's 7 correct, it does say that. 8 Q. So help me understand this. 9 This is ASHRAE Standard 90.1 2007? 10 A. Yes. 11 Q. So this means that the holder of this 12 license can have multiple it can have multiple 13 user access to 90.1 2007, to the addenda to 90.1 14 2007, not explicitly, but presumably also to any 15 errata that pertain to 90.1 2007; correct? 16 A. That is correct. 17 Q. And that this license would enable somebody 18 to have access to that version of that standard 19 indefinitely? 20 A. That is correct. 21 Q. Even after a new revision has come out? 22 A. That is correct. 23 Q. How many addenda does ASHRAE typically

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1			
~	A. I do not know and and I think it would	1	A. This is for packaging 90.1 with the IECC,
2	vary quite a bit, depending upon the standard.	2	which is published by the International Code Council.
3	Q. How many errata does ASHRAE publish for any	3	Q. And this is an agreement between ASHRAE and
4	standard during one revision cycle?	4	the International Code Council; is that correct?
5	A. I do not know.	5	A. That is correct.
6	Q. Do you know the range?	6	Q. Do you know by what method ICC reproduced
7	A. I do not.	7	ASHRAE's Standard 90.1 2007 in its publication?
8	Q. Do you know the type of errors that are	8	A. I know they did a book.
9	included among the errata?	9	Q. Do you know how the book was typeset, for
10	MR. LEWIS: I'm going to insert my	10	example?
11	objection again about being outside the scope	11	A. I what we did was provide them with a
12	and topics, but	12	PDF from which they they manufactured the book.
13	MR. BRIDGES: It's generally within I	13	Q. Do you know whether they simply reproduced
14	mean, he's basically in charge of publication.	14	the PDF?
15	The errata is part of the publication process.	15	A. My assumption is they they my
16	That's why I'm asking him. I'm not asking you	16	understanding and assumption is that they reproduced
17	to agree with me; I'm just trying to explain.	17	the PDF as we provided it to them, and I think it may
18	MR. LEWIS: I understand.	18	even say in here that they're required to do so.
19	THE WITNESS: The the errata are posted	19	Q. I didn't see that. What I saw was
20	on the ASHRAE website in the standards section	20	paragraphs 4 and 5.
21	of the website, which is different from from	21	A. It's certainly my understanding that the
22	the section of the website where we sell the	22	document was reprinted as ASHRAE distributes it.
23	standard.	23	I which, I believe, is covered in Section 4.
24	So they're published in that they're	24	Q. I guess in Section 4(a), I I'm not sure
25	posted on the website and I'm not engaged in	25	what I what the phrase "in other formats" means.
	Page 118		Page 120
1	that process.	1	5
2	Q. (By Mr. Bridges) Who who is engaged in		either.
3	that process?	3	
4	A. That's our standards staff that does that.	1	(b), what did ASHRAE mean by "stringent quality
5	Q. Do you do you know sorry.	5	control procedures"?
			-
6	Do you have any knowledge of the types of	6	MR. LEWIS: Objection.
7	corrections that the errata include?	6 7	MR. LEWIS: Objection. THE WITNESS: I'm sorry. That was in
7 8	corrections that the errata include? A. I I really do not. I've I've not	6 7 8	MR. LEWIS: Objection. THE WITNESS: I'm sorry. That was in Section 5(b)?
7 8 9	corrections that the errata include?A. I I really do not. I've I've not looked at them.	6 7 8 9	MR. LEWIS: Objection. THE WITNESS: I'm sorry. That was in Section 5(b)? Q. (By Mr. Bridges) 5(b), I'm sorry, on
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7 8 9 10 11	corrections that the errata include? A. I I really do not. I've I've not looked at them. (Plaintiffs' Exhibit 1082 was marked for identification.)	6 7 8 9 10 11	MR. LEWIS: Objection. THE WITNESS: I'm sorry. That was in Section 5(b)? Q. (By Mr. Bridges) 5(b), I'm sorry, on page 3 of 6. A. My reading this agreement would mean that
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7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 corrections that the errata include? A. I I really do not. I've I've not looked at them. (Plaintiffs' Exhibit 1082 was marked for identification.) Q. (By Mr. Bridges) I think I gave you two copies. A. I have two, yes. Q. Please give one to your counsel. MR. LEWIS: Thank you. Q. (By Mr. Bridges) Actually, I'm going to start doing that on a regular basis A. Okay. I'll be prepared. Q since you're closer to him. So it wasn't my mistake after all, it was just a brilliant plan. Do you recognize Exhibit 1082? 	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	MR. LEWIS: Objection. THE WITNESS: I'm sorry. That was in Section 5(b)? Q. (By Mr. Bridges) 5(b), I'm sorry, on page 3 of 6. A. My reading this agreement would mean that it was that the document was up to is comparable to the standards by which our products are distributed to the public, made available for sale. Q. Are you familiar with the term "double keying"? A. Yes. Q. To what does that term apply? A. I my understanding of double keying would mean there would be a document that would be keyboarded twice to ensure accuracy to the document of what's been typed in. Q. Do you have a view as to whether that is a
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1	MR. LEWIS: Objection.	1	case, if ASHRAE is ever aware of any error in
2	THE WITNESS: I've not come across that	2	the defendant's posting, please do let us know
3		3	immediately.
4	1	4	8 9
5		5	-
6	, , , ,	6	
7	· · · · · ·	7	J J
8	5	8	
9		9	I raise that because this has come up in a
10		10	11
11	Q. (By Mr. Bridges) Were you aware of it as a	11	that they are collecting instances of errors,
12	y 1	12	but not telling Public Resource.
13	5	13	MR. FEE: I'd like to note for the record
14	5	14	5
15		15	
16		16	5
17	0	17	MR. BRIDGES: Well, for the record, I made
18		18	1
	there was a firm that we used in Pennsylvania for	19	
	this directory. So it was very straightforward	20	
21		21	identification.)
22		22	Q. (By Mr. Bridges) Mr. Comstock, I don't
	provide triple keying of fresh text entry?		believe I see you are copied on this document.
24	5	24	Do you recognize this document?
25	THE WITNESS: I am not. Page 122	25	A. I don't recall it, but I see that I'm Page 124
	I age 122		1 age 124
1	(Plaintiffs' Exhibit 1083 was marked for	1	I'm copied on this exchange and was involved in it.
1 2	identification.)	2	Q. And this is an exchange of e-mails in part
2 3	identification.) Q. (By Mr. Bridges) Mr. Comstock, I've handed	2 3	Q. And this is an exchange of e-mails in part to you, but between someone named Mike Moore at
2 3	identification.) Q. (By Mr. Bridges) Mr. Comstock, I've handed you Exhibit 1083. Could you please identify it?	2 3 4	Q. And this is an exchange of e-mails in part to you, but between someone named Mike Moore at Newport Ventures, Inc. and ASHRAE regarding a request
2 3 4 5	identification.) Q. (By Mr. Bridges) Mr. Comstock, I've handed you Exhibit 1083. Could you please identify it? A. This is an e-mail exchange between myself	2 3 4 5	Q. And this is an exchange of e-mails in part to you, but between someone named Mike Moore at Newport Ventures, Inc. and ASHRAE regarding a request for permission to reprint ASHRAE 90.1; is that
2 3 4 5	identification.) Q. (By Mr. Bridges) Mr. Comstock, I've handed you Exhibit 1083. Could you please identify it? A. This is an e-mail exchange between myself and Jeff Littleton.	2 3 4 5	Q. And this is an exchange of e-mails in part to you, but between someone named Mike Moore at Newport Ventures, Inc. and ASHRAE regarding a request
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2 3 4 5 6 7 8	 identification.) Q. (By Mr. Bridges) Mr. Comstock, I've handed you Exhibit 1083. Could you please identify it? A. This is an e-mail exchange between myself and Jeff Littleton. Q. Who is Mr. Littleton? A. He is our executive vice president and 	2 3 4 5 6	 Q. And this is an exchange of e-mails in part to you, but between someone named Mike Moore at Newport Ventures, Inc. and ASHRAE regarding a request for permission to reprint ASHRAE 90.1; is that correct? A. That is correct. Q. Who is Julie Harr?
2 3 4 5 6 7 8 9	 identification.) Q. (By Mr. Bridges) Mr. Comstock, I've handed you Exhibit 1083. Could you please identify it? A. This is an e-mail exchange between myself and Jeff Littleton. Q. Who is Mr. Littleton? A. He is our executive vice president and person to whom I report. 	2 3 4 5 6 7	 Q. And this is an exchange of e-mails in part to you, but between someone named Mike Moore at Newport Ventures, Inc. and ASHRAE regarding a request for permission to reprint ASHRAE 90.1; is that correct? A. That is correct. Q. Who is Julie Harr? A. Julie Harr is my assistant.
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3	Q. (By Mr. Bridges) Was the import of this that Minnesota was adopting these two other codes and not ASHRAE codes, but wanted certain sections from an ASHRAE code to graft into those Minnesota codes?
3 4 5	not ASHRAE codes, but wanted certain sections from an ASHRAE code to graft into those Minnesota codes?
4 5	ASHRAE code to graft into those Minnesota codes?
5	0
6	MR. LEWIS: Objection.
1 0	0
7	
8	-
9	-
10	Q. (By Mr. Bridges) But the permission you
	granted was to use material from 90.1 in a state code
	that was incorporating provisions from other codes
	through other sources; correct?
14	-
15	of the sections that were specified in the message.
16	
	would be in a state code that also incorporated
	material from two other codes from another source;
19	correct?
20	A. That's that as I read it here, that's
21	what that seems to say.
22	-
23	identification.)
24	
25	e-mail that you received from your colleague,
	Page 128
	Michshell Phillips, regarding a request for a copy of
	a standard
-	
	in Israel; is that right?
_	5
	A. She is an editorial coordinator in our
	in our special publications group.
	ASHRAE generated an invoice for one-time license fees
	for the use of ASHRAE Standard 62.1 and Standard 90.1
	to be included in Israeli standards; correct?
-	
	royalty revenue or sale of publication revenue or
	something else?
	A. We would account for that as a royalty.
	royalties in a particular year paid to it by other
	standards or codes?
24	
	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 15 16 17 18 19 20 21 13 14 15 16 17 18 19 20 21

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1	code	1	Doesn't a license give rights to use the
2	Q. Right	2	content?
3	A not just	3	A. It it may be a bad choice of words in
4	Q but in a code, I I mean in a not	4	this case.
5	in a legal code, but in a in some other standard	5	Q. Okay. What what do you think this
6	or code produced by some other standards organization	6	means?
7	or standards authority.	7	A. That ASHRAE retains ownership over the
8	MR. LEWIS: Objection.	8	content. That's how I would read that.
9	THE WITNESS: On an average basis, my guess	9	Q. By the way, I see references to IP and SI
10	would be \$10,000.	10	versions from time to time.
11	Q. (By Mr. Bridges) Per year?	11	Does "IP" stand for inches and pounds and
12	A. Per year, yeah.	12	"SI" for system international?
13	Q. Does ASHRAE pay other standards	13	A. Correct.
14	organizations for the privilege of using material	14	Q. And a more ordinary word for "SI" would be
15	from their codes or standards in ASHRAE's codes or	15	metric?
16	standards?	16	A. A more ordinary word, but perhaps not as
17	A. To my knowledge, we do not.	17	precise.
18	(Defendant's Exhibit 1088 was marked for	18	Q. Thank you.
19	identification.)	19	(Defendant's Exhibit 1089 was marked for
20	Q. (By Mr. Bridges) Mr. Comstock, what is	20	identification.)
21	Exhibit 1088?	21	Q. (By Mr. Bridges) Mr. Comstock, I've handed
22	A. A multiuser license for 90.1 2010 and 189.1	22	you Exhibit 1089. It is an exchange of
23	2009.	23	correspondence between ASHRAE and someone in Slovenia
24	Q. So this is a sort of a bundled license	24	regarding Standard 90.1 2013; is that correct?
25	for two different standards?	25	A. That is correct.
	Page 130		Page 132
1	A. It looks it appears to be that way, yep.	1	Q. Do you understand that this refers to a
2	Q. In the first sentence in the main part of	2	Slovenian translation?
3	the text, in the smaller print, it says, "In	3	A. Yes, I do.
4	purchasing a Multiple User License from ASHRAE for a	4	Q. Did you have an understanding as to who was
5	Standard, the purchaser recognizes that the title,	5	going to conduct the translation or prepare the
6	ownership rights and intellectual property rights in	6	translation?
7	the data shall remain in ASHRAE and/or its supplier."	7	A. My understanding was that it would be
8	Do you see that?	8	prepared by the Slovenian Society of Mechanical
9	A. Yes, I do.	9	Engineers, was their name.
10	Q. For what ASHRAE standards do title	10	(Defendant's Exhibit 1090 was marked for
11	ownership rights and intellectual property rights in	11	identification.)
12	the data remain with a supplier of ASHRAE, as opposed	12	Q. (By Mr. Bridges) Mr. Comstock, I've handed
13	to ASHRAE itself?	13	you Exhibit 1090.
14	A. I can't answer that answer that.	14	Could you identify it, please?
15	That that may be referring to a distribution	15	A. This is a license and distribution
16	process that's applied.	16	agreement with between ASHRAE and ICC.
17	Q. Well, then that would normally be ASHRAE	17	Q. Is this for a is this an update of a
18	and/or its distributor, I would assume.	18	previous agreement?
19	A. I I would think so. Offhand, I can't	19	A. It it it is. This is the replacement
20	I I I'm not aware of of content being	20	for an earlier agreement we had for an earlier
21	provided by a supplier, if the content's an ASHRAE	21	version of of our standard and their code.
22	standard.	22	(Defendant's Exhibit 1091 was marked for
23	Q. Farther along in the second line, after	23	identification.)
24	"and/or its supplier," it says "This license gives no	24	Q. (By Mr. Bridges) Is Exhibit 1091 e-mail
25	rights to content."	25	correspondence between yourself and Mark Johnson of
	Page 131		Page 133

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	the International Code Council regarding the document	1	various trade publications.
2	you just identified as Exhibit 1090?	2	Q. Did you become aware of it from other
3	A. Yes.	3	persons in the industry through conversations or
4	Q. And a draft of 1090 is an attachment to	4	e-mail messages?
5	this e-mail in 1091; correct?	5	A. Not from from e-mail messages, I don't
6	A. Correct.	6	believe. There were discussions that that I heard
7	MR. LEWIS: Objection.	7	about free access to documents on the Internet.
8	(Defendant's Exhibit 1092 was marked for	8	Q. What what discussions do you recall?
9	identification.)	9	A. If I would go to conferences at which
10	Q. (By Mr. Bridges) Please identify	10	publishing matters were discussed, whether it be
11	Exhibit 1092.	11	academic journals, books, standards.
12	A. This is an e-mail exchange between myself	12	Q. Who who would speak at those conferences
13	and Jodi Scott in our office.	13	about these issues?
14	Q. The e-mail identifies Jodi Scott as	14	A. There would be typically, they would be
15	communications manager; is that correct?	15	peer-to-peer groups that would so people in my
16	A. That's correct.	16	roles who would who would discuss perhaps people
17	Q. What does that role entail?	17	from commercial publishers.
18	A. She was the our public relations and she	18	Q. To your knowledge, did ASHRAE ever
19	would monitor Internet postings related to ASHRAE.	19	communicate to Mr. Malamud before this lawsuit that
20	Q. You said to her strike that.	20	it wanted Mr. Malamud to remove ASHRAE standards from
21	The underlying e-mail is from you to your	21	his website?
22	assistant, Julie Harr; correct?	22	A. I have no knowledge of that.
23	A. That's correct.	23	Q. Do you know who would?
24	Q. And that e-mail says, "If you ever receive	24	A. I I don't know.
25	a copyright infringement notice/message involving	25	Q. Did you ever become aware of Underwriters
	Page 134		Page 136
1	Karl Malamud (sp?) bring to my attention."	1	Laboratories having discussions with anyone at ASHRAE
2	What type of copyright infringement notice	2	about Mr. Malamud?
3	or message were you anticipating in that statement?	2	A. No.
	8 9 1 8	3	A. NO.
4	A. That someone would bring to our attention	4	Q. Did you ever become aware of anyone at ASME
4		4	
4	A. That someone would bring to our attention	4 5	Q. Did you ever become aware of anyone at ASME
4 5 6	A. That someone would bring to our attention that there was a a violation of our copyright.	4 5	Q. Did you ever become aware of anyone at ASME having discussions with anyone at ASHRAE regarding
4 5 6 7	A. That someone would bring to our attentionthat there was a a violation of our copyright.Q. Would that be something along the lines ofthe communication from Dave Hollman of Carrier thatwe reviewed earlier today?	4 5 6 7	Q. Did you ever become aware of anyone at ASME having discussions with anyone at ASHRAE regarding Mr. Malamud?
4 5 6 7	A. That someone would bring to our attentionthat there was a a violation of our copyright.Q. Would that be something along the lines ofthe communication from Dave Hollman of Carrier that	4 5 6 7	Q. Did you ever become aware of anyone at ASME having discussions with anyone at ASHRAE regarding Mr. Malamud?A. No, I have no knowledge of such
4 5 6 7 8 9	A. That someone would bring to our attentionthat there was a a violation of our copyright.Q. Would that be something along the lines ofthe communication from Dave Hollman of Carrier thatwe reviewed earlier today?	4 5 6 7 8	Q. Did you ever become aware of anyone at ASMEhaving discussions with anyone at ASHRAE regardingMr. Malamud?A. No, I have no knowledge of suchdiscussions.
4 5 7 8 9 10 11	 A. That someone would bring to our attention that there was a a violation of our copyright. Q. Would that be something along the lines of the communication from Dave Hollman of Carrier that we reviewed earlier today? A. Something along those lines, that's correct. Q. Do you recall receiving any other written 	4 5 6 7 8 9 10 11	 Q. Did you ever become aware of anyone at ASME having discussions with anyone at ASHRAE regarding Mr. Malamud? A. No, I have no knowledge of such discussions. Q. Were you sorry. Was ASHRAE aware of a lawsuit that Public Resource brought against SMACNA, or the Sheet Metal
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35 (Pages 134 - 137)

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1	technology?	1	standards and other information.
2	A. She's administrator of our standards	2	Q. That's a business name?
3	activity, or they fall within her area.	3	
4	Q. Please turn to the earliest e-mail in the	4	
	thread on the reverse side of the page.	5	1 5
6	Are you familiar with something called the	6	
7	IPRPC?	7	Soles strike that.
8	A. I am not.	8	In the second sentence of that paragraph,
9	Q. At the bottom of the front page of		the "he" at the beginning of the sentence refers to
	Exhibit 1093, Ms. Ramspeck that's a that's an	10	Tom Soles of SMACNA; correct?
	e-mail from Ms. Ramspeck to you; correct?	11	MR. LEWIS: Objection.
12	A. That's correct.	12	
13	Q. And she said, "I thought you'd want to know	13	Q. (By Mr. Bridges) You said, "He had his
	about the latest development in the Carl	14	hand slapped by Tom Pace (ASTM), ANSI and had a call
15	Malamud/Incorporation by Reference issue."	15	5
16	Do you see that?	16	Do you see that?
17	A. Yes, I do.	17	,
18	Q. What earlier developments was ASHRAE aware	18	
	of with respect to the Carl Malamud incorporation by		his hand slapped by Tom Pace (ASTM)"?
	reference issue?	20	
21	MR. LEWIS: Objection.	21	Q. What what details did he furnish to you?
22	THE WITNESS: What I'm aware of is the	22	A. Just that there was a lot of concern
23	is the position of Mr. Malamud that that		from among the the the standards developers
24	documents that copyrighted documents could be		about the the violation of the copyright postings
25	made freely available, from articles such as had	25	on the Internet.
	Page 138		Page 140
1			
1	been sent to me from from Jodi. So I was	1	Q. Does that explain why Mr. Soles would say
2	aware of this being an issue.		he had his hand slapped by Tom Pace, ASTM, and ANSI?
2 3	aware of this being an issue. Q. (By Mr. Bridges) I'm trying to focus on	2 3	he had his hand slapped by Tom Pace, ASTM, and ANSI? A. I wasn't involved in in their
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	 aware of this being an issue. Q. (By Mr. Bridges) I'm trying to focus on her choice of the words "the latest development," and I was wondering what earlier developments either you or ASHRAE was aware of that made this the latest development. A. I'm not aware of earlier developments except that the the position of about posting copyrighted documents is one that all publishers follow were following that issue. Q. Following Ms. Ramspeck's e-mail to you, you sent an e-mail back to her on February 26, 2013; correct? A. That's correct. Q. You're referring in that e-mail to the IHS meeting. What was that? A. I was at a conference of Information Handling Services. Q. Information Handling? A. Yes, uh-huh (affirmative). Q. What does Information Handling Services 	$2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \\ 13 \\ 14 \\ 15 \\ 16 \\ 17 \\ 18 \\ 19 \\ 20 \\ 21 \\ 22 \\ 23 \\ 24 $	 he had his hand slapped by Tom Pace, ASTM, and ANSI? A. I wasn't involved in in their discussions. That's just what Tom what Tom Soles relayed to me. Q. So I'm trying to understand the context of his explaining that. It it suggests that he was reprimanded by ASTM and ANSI. MR. LEWIS: Objection. Q. (By Mr. Bridges) Was that your understanding of it? MR. LEWIS: Objection. THE WITNESS: Those were the words he used with me. Q. (By Mr. Bridges) Was it your understanding when he used those words that it was some kind of a reprimand that he was referring to? MR. LEWIS: Objection. THE WITNESS: I can't say. That was that those were the words he he relayed to me. Q. (By Mr. Bridges) And then you relayed to

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1 A. That's correct.	1 A. Well, that he'd be at the center of that.
2 Q. What did you observe with respect to him	2 Q. Why would it be unfortunate that he would
3 during that call that came in from NFPA?	3 be at the center of that?
4 MR. LEWIS: Objection.	4 A. Because it would be a it would be a a
5 THE WITNESS: I'm that's what Tom Soles	5 significant effort to try to resolve the copyright
6 told me, that he had a phone call.	6 issue.
7 Q. (By Mr. Bridges) Well, I thought you were	7 Q. Was there was there concern that it was
8 telling Ms. Ramspeck that Tom Soles had a phone call	8 unfortunate because he was the was not or
9 from NFPA when you were with Tom Soles.	9 because SMACNA was not the most strategically
10 A. Well, I I wasn't part of that	10 advantageous party to litigate the issue?
11 conversation.	11 MR. LEWIS: Objection.
12 Q. But were you	12 MR. FEE: Objection. Calls for
13 A. I	13 speculation. Vague. Calls for legal
14 Q. Were you with him as he engaged in that	14 conclusion. Kevin Fee again.
15 conversation on the telephone?	15 THE WITNESS: I I can't speak to what
16 A. Not not that I recall.	16 what the motivations were.
17 Q. By the way, the reference to Tom Pace,	17 Q. (By Mr. Bridges) I'm not asking for
18 could that have been John Pace, the director of	18 speculation about motivations; I'm trying to explore
19 publications at ASTM?	19 why the fact that SMACNA would have a high-profile
20 A. Yeah, that's John Pace.	20 case as to which there would be a great deal of
21 MR. FEE: Objection. Calls for	21 awareness would be unfortunate.
22 speculation.	22 MR. FEE: Same objection.
23 COURT REPORTER: Who was that, please?	23 THE WITNESS: I just think anyone who was
24 MR. FEE: That was Kevin Fee from ASTM.	24 gonna be involved in this would really need to
25 COURT REPORTER: Thank you. Page 142	25 be aware of what all the issues were. Page 144
1 agc 1+2	
1 Q. (By Mr. Bridges) As you sit here, you say	1 Q. (By Mr. Bridges) What are all the issues
2 you you now know that that was John Pace?	2 that one needs to be aware of?
3 A. My recollection.	3 A. I would say that would
4 MR. FEE: Same objection.	4 MR. FEE: Same objections.
5 Q. (By Mr. Bridges) Then you said to	5 THE WITNESS: The the high-profile
6 Ms. Ramspeck, "Not a good excuse but he had no idea	6 nature of the of of the case.
7 of what he was getting into."	7 Q. (By Mr. Bridges) What else?
8 Could you please explain the your	8 A. I'm not aware of any anything else.
9 statement that he had no idea of what he was getting	9 Q. Ms. Ramspeck went on to say, "SMACNA should
10 into?	10 have been more plugged in on this issue"
11 A. That was from articles such as the the	11 What did you understand that to mean?
12 previous one, where we saw where this where there	12 A. From the high-profile nature of the
13 was a lot of concern about the high-profile nature	13 of of of the the postings, that this
14 of of the of the postings.	14 was meant to be a real test case of copyright on the
15 Q. What was it that he was getting into?	15 Internet.
16 A. A case of high visibility.	16 Q. But what did "more plugged in" mean? Did
17 Q. Anything else?	17 that mean in greater conversation with others?
18 A. No, not that I'm aware of.	18 A. I can't speak
19 Q. And Ms. Ramspeck responded to you by	19 MR. FEE: Objection to form.
20 saying, "It is unfortunate."	20 THE WITNESS: I I don't know which
21 What did you understand from that to have	21 I I would interpret that as being awareness,
22 been unfortunate?	22 but I can't speak to anything more than that.
23 A. That there would be a lot of a lot of	23 Q. (By Mr. Bridges) Why is it unfortunate for
24 be a high-profile case, high-profile awareness.	24 SMACNA to have had litigation with Public Resource,
25 Q. And what what makes that unfortunate?	25 as opposed to ASHRAE, ASTM, and NFPA to be in
Page 143	Page 145

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1 issuperi that. 2 MR. FEE: Lisk of foundation. 2 3 MR. LEWIS: Objection. 3 4 MR. FEE: Lask of foundation. 4 5 THF WITNESS: I'm not aware of what those 6 6 issues might be. 6 7 (Defendant's Exhibit 1094 was marked for 8 8 identification.) 9 9 Q. (By Mr. Bridges) In your royout assistant. 10 10 Exhibit 1094 is an e-mail from you to your assistant. 10 11 Julie Harr, correct? 12 8 12 A. That's correct. 13 So - so what was the name of the SMACNA 13 G. Do you understand - strike that. 13 gay you avere referring to there? 14 What diak a considerable amount of time to 14 A. Tom Soles. 15 Farr. Fise plad not me and you?"? 14 A. That's correct. 12 A. That's correct? 15 The secold this hask in 'Fohoraly whe he tod me 1sid 14 Mark LEWIS: Consect correct? 14 A. Tom Soles. 15 farr. Fise plad, not me and you?"? <t< th=""><th></th><th></th><th></th><th></th></t<>				
3 MR. LEWIS: Objection. 3 decided that ASHRAE would be one of the plaintiffs in 4 MR. FEE: Lack of foundation. 5 MR. LEWIS: Same objection. 6 issues might be. 6 MR. LEWIS: Same objection. 7 (Defendant's Exhibit 1094 was marked for identification.) 7 Q. (By Mr. Bridges) Mr. Comstock, 7 Q. (By Mr. Bridges) Mr. Comstock, 10 Exhibit 1094 is an e-mail from you to your assistant, 11 watch out." 7 Q. (By Mr. Bridges) Mr. Comstock, 11 Jutic Harr, correct? 11 watch out." 12 So - so what was the name of the SMACNA 12 A. That's correct. 13 go you understand - strike that. 10 Wach out." 14 What did you mean when you wrote to Julie 16 The same one you saw at the ISH meeting? 15 Harr, "Breglad not me and you?" 10 A. That's correct. 16 O. What caused you to tell him, "Watch out"? 19 Q. But ASH ASHRAE brought a lawsuit 20 O. What caused you tell him it was going to be a high-profile 21 A. That's correct. 12 O. What caused you tell him, "Watch out"? 24 Q. Bringing the lawsuit was n	1 litigation with Pub	olic Resource?	1	support that.
4 MR, FEE: Lack of foundation. 4 this lawsmi? 5 THE WITNESS: I m not aware of what those is issues might be. 6 MR. LEWIS: Same objection. 7 (Defendant's Exhibit 1094 was marked for idintification.) 9 Q. (By Mr. Bridges) Mr. Constock, 7 Q. (By Mr. Bridges) Mr. Constock, 9 9 mentioned you "played golf with the SMACNA guy who 10 Exhibit 1094 is an e-mail from you to your assistant. 10 dod this back in February when he told me I said 11 Julie Harr, "Be glad not me and you"? 10 A. That's correct. 12 So - so what was the name of the SMACNA 13 Q. Do you understand strike that. 13 G. Tom soles. 16 The server. 14 What did you mean when you wrote to Julie 13 A. Tom Soles. 16 The server. 15 R. That's correct. 18 Q. What caused you to tell him, "Watch out? 19 A. Because from all that'' and in the made 20 gainst Public Resource; correct? 18 Q. What caused you to tell him, "Watch out? 19 A. Because from all that'''. 21 A. That's correct. 18 Q. What caused you to tell him, was going to be a high-profile 21	2 MR. FEE: 0	Objection to form.	2	Q. (By Mr. Bridges) Do you know who at ASHRAE
5THE WITNESS: I'm not aware of what those5MR. LEWIS: Same objection.6issues might be.6THE WITNESS: I do not know.7(Ocfendant's Exhibit 1094 was marked for7(Ocfendant's Exhibit 1094 was marked for8identification.)9Q. (By Mr. Bridges) Mr. Comstock,99Q. (By Mr. Bridges) Mr. Comstock,9mentioned you "played golf with the SMACNA guy who11Julie Harr, correct?11wath do you mean when you worto to Julie12A. That's correct.13guy you were referring to there?14What did you mean when you worto to Julie14A. Tom Soles.15Harr, "Be glad not me and you"?16A. That's correct?17A. That = ASHRAE brought a lawsuit20Quesse from all 1 had read in the trade20against Public Resource; correct?17A. That = I'm not sure when that - when that21A. That = I'm not sure when that - when that21case.22Q. Bringing the lawsuit was not something I was-22Q. Did you tell him it was going to -23that I was involved in?22Q. Did you tell him it was going to -24Q. Bringing the lawsuit was not something Yat11-3A. 1- I'remember - there were discussions11-4MR. LEWIS: Til insert my objection that1-5this is sortide the scoper of this winsers8Q. Did you tell him that the10Vas not privy to those.11- <td>3 MR. LEWIS</td> <td>S: Objection.</td> <td>3</td> <td>decided that ASHRAE would be one of the plaintiffs in</td>	3 MR. LEWIS	S: Objection.	3	decided that ASHRAE would be one of the plaintiffs in
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			25	

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1	A. Jeff Littleton.	1	A. Yes, it is.
2	MR. LEWIS: We've been going for about an	2	Q and it's in response to a request from
3	hour and a half now, but I didn't want to stop	3	someone in Vermont for use of material from an ASHRAE
4	you if you guys were getting close to	4	standard; is that right?
5	MR. BRIDGES: Let me just do one or two	5	A. Yes, that is correct.
6	more. It's not some great crescendo or	6	(Defendant's Exhibit 1097 was marked for
7	anything. I'm just let me get through one or	7	identification.)
8	two.	8	Q. (By Mr. Bridges) Please identify
9	I'll stop in an instant if you need to stop	9	Exhibit 1097.
10	right now.	10	A. This is a copyright permission request.
11	THE WITNESS: I'm okay.	11	This looks like a a blank form, a model.
12	MR. BRIDGES: We'll go a couple of minutes.	12	Q. Is this a model that ASHRAE furnished to
13	All that coffee's finally having its effect on		persons seeking permission to reprint material from
14	me.	14	ASHRAE standards?
15	(Defendant's Exhibit 1095 was marked for	15	A. This was not specific to standards; this
16	identification.)		would have been used for general publications
17	Q. (By Mr. Bridges) Mr. Comstock, do you		content.
	recognize Exhibit 1095 as an ASHMAE as an e-mail	18	Q. That would include standards, as well?
	that you received from Jodi Scott, ASHRAE's	19	A. That's that is correct.
	communications manager?	20	(Defendant's Exhibit 1098 was marked for
21	A. Yes, I do.	21	identification.)
22	Q. This appears to forward a Google News Alert	22	Q. (By Mr. Bridges) Mr. Comstock,
	on Carl Malamud.		Exhibit 1098 is an e-mail exchange between you and an
24	Do you see that down below?		employee of the City of Houston regarding Houston's
25	A. Yes, I do.	25	adoption of an ASHRAE standard, at least portions of
	Page 150		Page 152
1	Q. Were you aware of ASHRAE having a Google	1	an ASHRAE standard; is that correct?
2	News Alert subscription for for references to Carl	2	A. That is correct.
3	Malamud?	3	(Defendant's Exhibit 1099 was marked for
4	A. I would get items from Jodi Scott from	4	identification.)
5	Google Alerts.	5	Q. (By Mr. Bridges) Mr. Comstock, can you
6	Q. Do you know how many Google Alerts	6	please identify Exhibit 1099?
7	regarding Carl Malamud you saw?	7	A. This pertains to an article that was was
8	A. I do not recall. I don't just a couple,	8	published with ASHRAE I assume with ASHRAE content
9	I think, but I'm not aware of anything more.	9	from 90.1.
10		10	MR. BRIDGES: With counsel's permission, I
11	Google News Alert on Carl Malamud?	11	would like to add the following as a second part
12	A. I do not know.	12	to this exhibit. They're sequential Bates
13	6	13	numbers and I believe that this is probably
14			
15	We're going off the record at 4:45 p m.	15	page of 1099.
16			
17		16	MR. LEWIS: I'm happy for you to ask the
	the proceedings.)	17	witness if that's his recollection.
18	the proceedings.) VIDEOGRAPHER: This is the beginning of	17 18	witness if that's his recollection. MR. BRIDGES: Sure. Just for the
19	the proceedings.) VIDEOGRAPHER: This is the beginning of Video 4. We're on the record at 4:58 p.m.	17 18 19	witness if that's his recollection. MR. BRIDGES: Sure. Just for the formality, I'd like to go ahead and say that the
19 20	the proceedings.) VIDEOGRAPHER: This is the beginning of Video 4. We're on the record at 4:58 p.m. (Defendant's Exhibit 1096 was marked for	17 18 19 20	witness if that's his recollection. MR. BRIDGES: Sure. Just for the formality, I'd like to go ahead and say that the exhibit now constitutes Bates Nos. ASHRAE0027658
19 20 21	the proceedings.) VIDEOGRAPHER: This is the beginning of Video 4. We're on the record at 4:58 p.m. (Defendant's Exhibit 1096 was marked for identification.)	17 18 19 20 21	witness if that's his recollection. MR. BRIDGES: Sure. Just for the formality, I'd like to go ahead and say that the exhibit now constitutes Bates Nos. ASHRAE0027658 through -665.
19 20 21 22	 the proceedings.) VIDEOGRAPHER: This is the beginning of Video 4. We're on the record at 4:58 p.m. (Defendant's Exhibit 1096 was marked for identification.) Q. (By Mr. Bridges) Mr. Comstock, I've just 	 17 18 19 20 21 22 	witness if that's his recollection. MR. BRIDGES: Sure. Just for the formality, I'd like to go ahead and say that the exhibit now constitutes Bates Nos. ASHRAE0027658 through -665. MR. LEWIS: That's fine. I do want the
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1 there was concern that content was used without 2 atriels to which the semal refers as the first part 3 Q. (By Mr. Bridges) Is it ASHRAE's belief 4 And 1 draw your attention, as well, not 4 that for that reason, the use of the content was 5 producing documents, but also to the attachment file 6 MR. LEWIS: Objection. 7 rance as shown on the forta page of the exhibit. 7 THE WITNESS: Wunderstanding of a 8 A. So this article is what is referred to in 8 copyright violation is that would be unlawful. 9 Q. (By Mr. Bridges) Is it ASHRAE's were that 10 0. And the article being the second part of 11 Mits article violated ASHRAE's copyright? 11 Exhibit 1099? 11 M. LEWIS: Objection. Asked and answered. 12 13 Q. Exhibit 1099 is an e-mail ostensibly from 13 standard th to yout have been in charge of publishing 16 rate activity activity and configure there as the reference is at 19 Q. (By Mr. Bridges) Without this is a 17 A. I ad not. 13 standard th to yout have been in charge of publishing 16 rate activity activity and activity and activity andiffic at least 20 years; correct? 14 <t< th=""><th></th><th></th><th></th><th></th></t<>				
3 O. (By Mr. Bridges) Is it ASHRAE's belief 4 And I draw your attention, as well, not 4 that for that reason, the use of the content was 5 only to the Barse numbers as given them by ASHRAE'in 6 MR. LEWIS: Objection. 7 name as shown on the front page of the exhibit. 7 THE WTINESS: My understanding of a 8 A. So this article is what is referred to in 8 copyright violation is that would be unlawful. 9 Q. (By Mr. Bridges) Is it ASHRAE's prive with thit 10 10 Q. And the article being the second part of 11 MR. LEWIS: Objection. Asked and answered. 12 A. That's correct. 12 THE WTINESS: I need to look at the 13 O. Exhibit 1099 is an e-mail ostensibly from 13 standard that you have been in charge of publishing 16 as a ber creipicar? 14 A. 1 don't recall Hat1 - 1 don't recall 17 A. That's correct. 14 D. Q. Do you understand what the reference is at 19 standard to page is in the standard, in its 19 Q. Do you understand maxer of a - 20 Q. How many pages is the standard, in 12 A. I do not. 21 O. How main is staincle? <td>1</td> <td>recognize the second portion of Exhibit 1099 as the</td> <td>1</td> <td>there was concern that content was used without</td>	1	recognize the second portion of Exhibit 1099 as the	1	there was concern that content was used without
4And 1 draw your attention, as well, not4that for that reason, the use of the content was5only to the Bates numbers as given them by ASIRAE in56means as shown on the front page of the exhibit.77means as the front page of the exhibit.78A. So this article is what is referred to in99Q. (By Mr. Bridges) Is it ASIRAE's view that10Q. And the article being the second part of1011fixhibit 1099?1111fixhibit 1099?1112A. That's correct.1213Q. Exhibit 1099 is an e-mail ostensibly from1314Julie Hart nebersf several times.1415Do you know if you received a copy of this1516as a ber creipient?1617A. I don't recall that I - I don't recall1718receiving copies as bec.1819Q. Do you understand what the reference is at1910the top of Exhibit 1099, "Call Julie at NLA?2020bit NIA" an acronym you're familiar with,2221A. I do not.2122Q. IS'NA" an acronym you're familiar with,2223refering to the National Insulation Association?2324for that - I'm not aware. Don't know.125THE WITNESS: Then - I'm not aware of a - Page 154261ofthat - I'm not aware. Don't know.3271ofthat - I'm not aware. Don't know.3 <tr< td=""><td>2</td><td>article to which the e-mail refers as the first part</td><td>2</td><td>permission.</td></tr<>	2	article to which the e-mail refers as the first part	2	permission.
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		Page 155		Page 157

40 (Pages 154 - 157)

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	contained in those two tables at the top of pages	1	identification.)
	-027663 and -027664?	2	MR. LEWIS: Thank you.
3	MR. LEWIS: Objection.	3	Q. (By Mr. Bridges) I've handed you
4	THE WITNESS: They could likely reformat		Exhibit 1101.
5	tables.	5	Can you identify this, please?
6	Q. (By Mr. Bridges) What else?	6	A. Yes. This is an exchange between me and
7	MR. LEWIS: Objection.	7	5
8	THE WITNESS: I'm not sure.	8	Q. That's Vancouver, Canada; correct?
9	(Defendant's Exhibit 1100 was marked for	9	A. That's correct.
10	identification.)	10	Q. What are the ASHRAE 90.1 2007 compliance
11	Q. (By Mr. Bridges) I'm showing you		PDFs?
	Exhibit 1100.	12	A. Those were or are forms that are are
13	Who is Doug Reed?		used where you would enter data to to achieve
14	e		compliance with the the standard.
	in Washington.	15	Q. What creative expression is in those forms,
16	Q. During what period of time did he hold that		to the best of your knowledge?
	post?	17	MR. LEWIS: Objection.
18	A. I can tell you more accurately when he	18	THE WITNESS: Could you ask the question
	ended, which was approximately he retired six	19	again? I'm sorry.
	months or so ago. He was employed by ASHRAE for		Q. (By Mr. Bridges) What creative expression
	probably five to seven years before that.		is in those forms, to the best of your knowledge?
22	Q. Has someone succeeded him in that role?	22	MR. LEWIS: Objection.
23	A. Nobody.	23	THE WITNESS: Yeah, I I do not know
24	Q. Has someone else taken over his job	24	the the technical application.
25	functions? Page 158	25	Q. (By Mr. Bridges) Please look at the page Page 160
-	rage 136		rage 100
1	A. We have several other people in our		stamped with the number at the bottom -0027650.
	Washington office and and among those people	2	What was the rationale for the conditions
	there, they are conducting the affairs of our		that ASHRAE imposed upon the City of Vancouver?
	Washington office.	4	A. The the rationale would be that that
5	Q. Who are those persons?		the this this standard was still required to
6	A. Jim Scarborough and Mark Ames.		use the forms and that there would be recognition of
7	Q. Are you familiar with this e-mail exchange		the ASHRAE ownership and its copyright for the forms.
	or with its topics?		Q. Does ASHRAE sell those forms?
9	A. I I do recall this now.	9	A. They are part of the standard.
10	Q. Do you recall interest of the United States	10	Q. Does it sell the forms independently of the
	State Department in extracting an appendix of		standard?
	ASHRAE's 90.1 standard?	12	A. No, I don't believe we do.
13	A. Only from from from what's in the	13	Q. What harm would come to ASHRAE from the
	exchange, where I guess they asked to use Appendix B,		unbridled distribution of those forms?
15	for which I provided that to them.	15	MR. LEWIS: Objection.
16	Q. And does this exhibit refresh your	16	THE WITNESS: Our our procedures and
	recollection about that?	17	policy are to maintain the copyright and to
18	A. Yes	18	ensure that the or try our best to ensure
19	MR. LEWIS: Objection.	19	that the forms are are properly used and
20	THE WITNESS: I think I did and required	20	associated with the Society and the standard in
21	it be be referenced from the standard.	21	the correct manner.
22	Q. (By Mr. Bridges) What is Appendix B to	22	Q. (By Mr. Bridges) I I hear that as a
23	Standard 90.1?		concern. I I guess I'm not sure I heard what
24	A. I do not know.	24	harms would flow to ASHRAE from the unbridled
25	(Defendant's Exhibit 1101 was marked for	25	distribution of those forms.
	Page 159		Page 161

41 (Pages 158 - 161)

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1 Intent of the files were kept intact. They				
3 to protect our copyright whenever whenever we 3 they were asking for information that weren't 4 can. 4 part of the original files. 5 Q. (By Mr. Bridges) And the harm came G. (By Mr. Bridges) Is there a reason ASHRAE 6 would be in whan nature? C. (By Mr. Bridges) Is there a reason ASHRAE 6 hard to prevent people from adapting the files to 7 A. Harm would be in whan nature? 7 8 A. I believe in this case, it was to 9 provide a - a connection to ASHRAE subing a source 9 10 for additional information, explanation, further 10 11 background. 12 A. In - 1 am not aware of - 1 - 1 don't 13 less harm i the forms were wead without area - 1 - 1 1 1 14 reference to ASHRAE suffer greater or 15 MR.LEWIS: Objection. 15 mR.LEWIS: Objection. 15 MR.LEWIS: Objection. 16 mR.LEWIS: Objection. 17 THE WITNESS: I don't believe so 1. think 20 of knowing what could be the consequences of not 20 1	1	MR. LEWIS: Objection.	1	-
4can.4part of the original files.5Q. (By Mr. Bridges) And the harm came6A. In the original files.7A. Harm would be if $-if -if$ our - if the7A. Harm would be if $-if -if$ our - if the7A. Harm would be if $-if -if$ our - if the7A. In Beice vin this casac, it was to9provide a - a connection to ASHRAE as being a source10Fiber only one way to demonstrate10backgroud.10Q. Is there only one way to demonstrate11backgroud.10Q. Is there only one way to demonstrate12Q. Would it - would ASHRAE suffer greater or13have the knowledge of the technical application.14reference to ASHRAE whatsover?14Q. Was the form necessary and - was the form15MR. LEWIS: Objection.16MR. LEWIS: Objection.16THE WITNESS: I'm not sure I can - I 117THE WITNESS: I don't believe so. 1 think18Again, our process is to protet our - our18it was a - a tool to assist, an19copyright. Tm not in the position of -19aid.20ASHRAE.20Q. (By Mr. Bridges) Mr. Cornstock, I've handed23Q. (By Mr. Bridges) Exhibit 1102 was marked for2124identification.)22Q. (By Mr. Bridges) Mr. Cornstock, I've handed25Q. (By Mr. Bridges) Exhibit 1102 was marked for21240. You mention files on the fort page of62A. That's correct.73A. That's correct.<	2	THE WITNESS: Our our process is to try	2	they couldn't be modified to the extent that
5Q. (By Mr. Bridges) And the harm came5Q. (By Mr. Bridges) Is there a reason ASHRAE6 would come would be in Wata nature?6 had to prevent people from adapting the files to7A. Harm would be i, -' i our, -i the78 information was was made in a way that didn?9 provide a - a connection to ASHRAE as being a source10 for additional information, explanation, further1011 background.1012 Q. Would it would ASHRAF suffer greater or1113 lass harm if the forms were used without any1214 reference to ASHRAE whatsoever?1415 MR. LEWIS: Objection.1417 ean answer that.1018 Again, our process is to protect our our1819 opyright. Th not in the position of of1020 of knowing what could be the consequences of not2121 using the forms properly or without reference to2023 (Defendant's Exhibit 1102 was marked for2224 other correspondence between you and Mr. McCall of2125 (Q) (By Mr. Bridges) Exhibit 1102 consists of2226 (Exhibit - Exhibit 1102; that correet?233 A. That's correct.244 Q. You mention files on the first apreci255 A. That's correct.256 Exhibit - Exhibit 1102; that correet?257 A. That's correct.258 Q. What files were you referring to?9 A. These would be the files of the -of -of10 the forms.1112 A. We may have converted them to Word.13 Q. So whatever fo	3	to protect our copyright whenever whenever we	3	they were asking for information that weren't
6would come would be in what nature?6had to prevent people from adapting the files to7A. Harm would be if if if our if the7their own particular specifications or desires?8information waswas make didn'9demonstrate compliance with the standard.10for additional information, explanation, further10Q. Is there only one way to demonstrate11background.10Q. Is there only one way to demonstrate12Q. Would it would ASHRAE suffer greater or12A. Tm I am not aware of I don't13less harm if the forms were used without any14Q. Was the form necessary and was the form15MR. LEWIS: Objection.15uniquely necessary to demonstrate compliance?16THE WITNESS: I'm not sure I can - I I16MR. LEWIS: Objection.17can answer that.17THE WITNESS: I don't believe so. I think18Again, our process is to protect our our18it was a - a tool to assist, an19copyright. Tm not in the position of -019aid.21using the forms properly or without reference to21identification.)22ASHRAE.20(Defendant's Exhibit 1102 was marked for23a. That is correct.2Gipk Mr. Bridges) Exhibit 1102 consists of24detomstor files on the fort page of1i, but this is correspondence on which you were24detomstor files on the fort page of3	4	can.	4	part of the original files.
7A. Harm would be if if if our if the7their own particular specifications or desires?8A. Tothis correct.8A. Tothis correct.9provide a - a connection to ASHRAE as bairs a source9demonstrate compliance with the standard.10background.10G. Is there only one way to demonstrate11background.11compliance with the standard?12Q. Would it would ASHRAE as after greater or13Iss there only one way to demonstrate13laws the form necessary and was the form15uniquely necessary to demonstrate compliance?16THE WITNESS: I'm not sure 1 can -1 -116MR. LEWIS: Objection.17can answer that.19copyright. I'm not in the position of - of -220of knowing what could be the consequences of not21aid.21other correspondence between you and Mr. McCall of21identification.)22ASHRAE.21identification.)2223A. That's correct.22. Mith Si sources.4Q. You mention flas on the from spage of5A. That's correct.5You mention flas of the forms?10idenuesource.11Q. Now mention flas on the form age of the of - of the forms?1011Q. You mention flas of the soft the - of - of93A. That's correct.64Q. You mention flas of the forms?1114Q. Wan this so the form age of - of the forms?1015A.	5	Q. (By Mr. Bridges) And the harm came	5	Q. (By Mr. Bridges) Is there a reason ASHRAE
8 information was was made in a way that didn't 8 A. I believe in this case, it was to 9 provide a - a connection to ASHRAE as being a source 9 demonstrate compliance with the standard. 10 for additional information, explanation, further 10 Q. Is there only one way to demonstrate 11 background. 11 compliance with the standard. 12 Q. Would i would ASHRAE suffer greater or 13 h. There only one way to demonstrate compliance? 14 reference to ASHRAE whatsoever? 14 Q. Was the form necessary and was the form 15 mR. LEWIS: Objection. 17 THE WITNESS: In not sure 1 can -1 -1 16 mR. LEWIS: Objection. 17 THE WITNESS: In not sure 1 can -1 -1 17 can answer that. 18 it was a - a tool to assist, an 19 copyright. I'm not in the position of - of - 19 aid. 12 a ShitAE. 20 (Defendant's Exhibit 1102 was marked for 23 out Exhibit 102 was marked for 23 you Exhibit 1103. Units we ense and ther 24 deutification.) 22 Q. (By Mr. Bridges) Mr. Constock, I'we handed 3 A. That is	6	would come would be in what nature?	6	had to prevent people from adapting the files to
9 provide a a connection to ASHRAÉ as being a source9 demonstrate compliance with the standard.10 for additional information, explanation, further11 compliance with the standard?12 Q. Would it would ASHRAÉ suffer greater or11 compliance with the standard?13 less harm if the forms were used without any14 cervence to ASHRAÉ Massoever?14 reference to ASHRAÉ Massoever?12 A. Tm I am not aware of I I don't15 mR. LEWIS: Objection.13 have the form necessary and was the form16 THE WITNESS: I'm not sure I can -1 I16 MR. LEWIS: Objection.17 can answer that.17 THE WITNESS: I don't believe so. I think18 Again, our process is to protect our our18 it was a a tool to assist, an19 of knowing what could be the consequences of nor20 (Defendant's Exhibit 1102 was marked for21 using the forms properly or without reference to22 Q. (By Mr. Bridges) Mr. Constock, I've handed23 (Defendant's Exhibit 1102 was marked for21 identification.)24 detitification.)22 Q. (By Mr. Bridges) Mr. Constock, I've handed25 (gibt at hand with some of this e-mail thread in Page 16216 other correspondence between you and Mr. McCall of 2 the City of Vancouver, Canada; is that correct?1 it, but this is correspondence on which you were23 Q. With Hibs were you referring 10?5 A. That's - Tbelieve that's correct.4 Q. You mention files on the fort page of 6 A. That's correct.6 Q. And this involves permission without a7 A. That's correct.7 wastly for for use of on section and three tables8 Q. Wou mention files on the fort ms?10 Q.	7	A. Harm would be if if if our if the	7	their own particular specifications or desires?
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14 reference to ASHRAE whatsoever? 14 Q. Was the form necessary and was the form 15 MR_LEWIS: Objection. 15 uniquely necessary to demonstrate compliance? 16 THE WITNESS: I'm not sure I can - 1 1 16 MR_LEWIS: Objection. 17 can answer that. 17 THE WITNESS: I don't believe so. I think 18 Again, our process is to protect our our 18 it was a it was a - a tool to assist, an 19 copyright. I'm not in the position of of 20 (Defendant's Exhibit 1103 was marked for 21 uidentification.) 22 Q. (By Mr. Bridges) Exhibit 1102 was marked for 23 (Defendant's Exhibit 1102 was marked for 23 you Exhibit 1- and I'm sorry I don't have the number 25 Q. (By Mr. Bridges) Exhibit 1102 consists of 25 right at hand with some of this e-mail thread in 7 A. That is correct. 3 amployee of the City of Minneapolis, I believe; is 4 Q. You mention files on the front page of 6 Q. And this involves permission without a 7 A. That's correct. 6 Q. And this involves permission without a 7 You mention files on the front page of 6 <td< td=""><td>12</td><td>Q. Would it would ASHRAE suffer greater or</td><td>12</td><td>A. I'm I am not aware of I I don't</td></td<>	12	Q. Would it would ASHRAE suffer greater or	12	A. I'm I am not aware of I I don't
15 MR. LEWIS: Objection. 15 uniquely necessary to demonstrate compliance? 16 THE WITNESS: I'm not sure I can - I - I I MR. LEWIS: Objection. 17 can answer that. I MR. LEWIS: Objection. 18 Again, our process is to protect our our I If was a - i twas a - a tool to assist, an 19 copyright. I'm not in the position of of I I aid. 20 of knowing what could be the consequences of not I I dentification.) 22 ASHRAE. 20 (Defendant's Exhibit 1102 was marked for 21 identification.) 22 Q. (By Mr. Bridges) Exhibit 1102 consists of 24 identification.) 22 Q. (By Mr. Bridges) Exhibit 1102 consists of 25 right a thand with some of this e-mail thread in 26 Page 162 Page 162 1 other correspondence between you and Mr. McCall of 1 1 2 You mention files on the front page of 6 A. That's correct. 3 Q. You mention files on the front page of 6 A. That's correct. 7 3 Q. Wan files were you referring to? 3	13	less harm if the forms were used without any	13	have the knowledge of the technical application.
16 THE WITNESS: Tm not sure 1 can 1 1 16 MR. LEWIS: Objection. 17 can answer that. 17 THE WITNESS: 1 don't believe so. 1 think 18 Again, our process is to protect our our 18 it was a it was a a tool to assist, an 19 copyright. Tm not in the position of of 19 aid. 20 of knowing what could be the consequences of not 20 (Defendant's Exhibit 1103 was marked for 21 using the forms properly or without reference to 21 identification.) 22 Q. (By Mr. Bridges) Exhibit 1102 consists of Page 162 22 identification.) 25 Q. (By Mr. Bridges) Exhibit 1102 consists of Page 162 25 right at hand with some of this e-mail thread in Page 162 1 other correspondence between you and Mr. McCall of 1 it, but this is correspondence on which you were 2 toy You mention files on the front page of 5 A. That's correct. 4 8 Q. Wou mention files on the front page of 5 A. That's correct. 6 8 Q. What files were you referring to? 8 6 an ASHRAE standard; correct? 9 9 A. These would be the files of the - of - of	14	reference to ASHRAE whatsoever?	14	Q. Was the form necessary and was the form
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21 using the forms properly or without reference to 21 identification.) 22 ASHRAE. 22 Q. (By Mr. Bridges) Mr. Comstock, I've handed 23 (Defendant's Exhibit 1102 was marked for 23 you Exhibit 1103. I think we've seen another 24 identification.) 24 exhibit - and I'm sorry I don't have the number 25 Q. (By Mr. Bridges) Exhibit 1102 consists of 25 right a hand with some of this e-mail thread in 7 A. That is correct. 2 copied between your assistant, Ms. Harr, and an 3 A. That is correct. 3 employee of the City of Minneapolis, I believe; is 4 Q. You mention flues on the front page of 5 A. That's correct. 5 You mention flues on the front page of 5 A. That's correct. 6 Q. What files were you referring to? 9 A. That is correct. 9 A. These would be the files of the of of 10 Q. And this involves permission without a 11 Q. PDF files of of the forms? 11 10 Q. And looking at the cortext? 12 A. We may have converted them to Word. 13 Minneapolis, is that correct? <td< td=""><td>19</td><td>copyright. I'm not in the position of of</td><td>19</td><td>aid.</td></td<>	19	copyright. I'm not in the position of of	19	aid.
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Page 163 Page 165	25		25	
		Page 163		Page 165

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1	A. That is correct.	1	namely Exhibit 1103, indicate such a limitation or
2	Q. Did ASHRAE understand the final sentence of		narrowness of ASHRAE's expectation?
	that copyright notice to be a legal requirement? And	3	MR. LEWIS: Objection.
	I quote, "This material may not be copied nor	4	THE WITNESS: Not that I read here.
	distributed in either paper or digital form without	5	(Defendant's Exhibit 1104 was marked for
		6	identification.)
7	A. Yeah, I think that's just an expression of	7	Q. (By Mr. Bridges) Please identify
8	our our wishing to maintain copyright.		Exhibit 1104.
9	Q. It's not, in your view, a statement of a	9	A. E-mail exchange between myself and David
	legal restriction?	10	Branson.
11	MR. LEWIS: Objection.	11	Q. Who is Mr. Branson?
12	THE WITNESS: I I can't speak to the	12	A. He's a member of ASHRAE. He's active on
13	to the legality of this. I this is our	13	our committees.
14	standard statement we use that we wish to have	14	Q. What was the subject of this
15	our copyright respected.	15	correspondence?
16	Q. (By Mr. Bridges) Where did ASHRAE expect	16	A. It looks like he wants to develop a
17	that copyright notice to appear in either of the	17	software product.
18	Minnesota codes that were the subject of this	18	Q. Do you know whether he ended up developing
19	correspondence?	19	that software product?
20	A. That would be with the applicable sections	20	A. I have I have no recollection of
21	or tables, I imagine.	21	anything further from from this message.
22	Q. Was it ASHRAE's view that the Minnesota	22	Q. Was it your expectation, in connection with
23	Mechanical Code and the Minnesota Commercial Energy	23	this correspondence, that ASHRAE would have to pay
24	Code, to the extent they included more than one	24	Mr. Branson or any of his students for their efforts
25	element mentioned in this e-mail or more than a	25	on that software product?
	Page 166		Page 168
1	50-word excerpt, could not be copied or distributed	1	A. Could you repeat that, please?
2	in either paper or digital form without ASHRAE's	1 2	A. Could you repeat that, please?Q. Sure.
2	in either paper or digital form without ASHRAE's permission?	2 3	Q. Sure. Was it your expectation or ASHRAE's
2	in either paper or digital form without ASHRAE's permission? MR. LEWIS: Objection.	2 3 4	Q. Sure. Was it your expectation or ASHRAE's expectation in connection with this correspondence in
2 3	in either paper or digital form without ASHRAE's permission? MR. LEWIS: Objection. THE WITNESS: The intent here would be to	2 3 4 5	Q. Sure. Was it your expectation or ASHRAE's expectation in connection with this correspondence in Exhibit 1104 that ASHRAE would have to pay
2 3 4	in either paper or digital form without ASHRAE's permission? MR. LEWIS: Objection. THE WITNESS: The intent here would be to restrict this to the use of the ASHRAE content	2 3 4 5 6	Q. Sure. Was it your expectation or ASHRAE's expectation in connection with this correspondence in Exhibit 1104 that ASHRAE would have to pay Mr. Branson or any of his students for their efforts
2 3 4 5 6 7	in either paper or digital form without ASHRAE's permission? MR. LEWIS: Objection. THE WITNESS: The intent here would be to restrict this to the use of the ASHRAE content that's that's reprinted.	2 3 4 5 6 7	Q. Sure. Was it your expectation or ASHRAE's expectation in connection with this correspondence in Exhibit 1104 that ASHRAE would have to pay Mr. Branson or any of his students for their efforts on the software product?
2 3 4 5 6 7 8	in either paper or digital form without ASHRAE's permission? MR. LEWIS: Objection. THE WITNESS: The intent here would be to restrict this to the use of the ASHRAE content that's that's reprinted. Q. (By Mr. Bridges) Where would that be	2 3 4 5 6 7 8	 Q. Sure. Was it your expectation or ASHRAE's expectation in connection with this correspondence in Exhibit 1104 that ASHRAE would have to pay Mr. Branson or any of his students for their efforts on the software product? A. If we developed a software product with
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	correspondence?		building inspectors and fire marshals, as well as
2	MR. LEWIS: Objection.	2	engineers and contractors?
3	THE WITNESS: So what I was suggesting here	3	A. Nothing specific I'm aware of other than
4	was, yes, the possibility that he would develop		the the agreements we had with ICC for
5	an app for ASHRAE.	5	
6	Q. (By Mr. Bridges) And there's also a	6	(Defendant's Exhibit 1105 was marked for
	suggestion of the possibility that the app that he	7	identification.)
	would develop for ASHRAE would provide a modest	8	Q. (By Mr. Bridges) Mr. Comstock, I'm going
	revenue stream, looking at the top of page 3 of the		to be handing you a series of documents in the nature
	exhibit; correct?		of financial discovery that we received from ASHRAE,
11	A. That is correct.		and I just want to get you to identify or
12	Q. And you see that Mr. Branson had strike		
	that.		lot of questions on these.
14	Do you see that Mr. Branson expressed a	14	Do you understand this printout, which we
1			received from ASHRAE, to represent accurately the
	bottom of page 3, he said, "I was looking for		dues membership dues revenues that ASHRAE has
1	something to use in a coding exercise, and noted that		received each year from 2002-3 to 2013-14?
	90.1 could possibly be a fit. I also determined that	18	A. Yes. And the question was?
1	this could be an easy way to get the Standard into the hands of a huge number of Authorities Having	19	Q. Do you understand this printout to represent accurately the membership dues revenues for
21 22		21 22	each of the corresponding years? A. They appear to be. I don't know the exact
22	etc.), engineers, and contractors." Do you see that?		numbers, but they appear to be relatively accurate.
23	A. I I I see where he wrote that, yes.	23	(Defendant's Exhibit 1106 was marked for
25	Q. To this date, has ASHRAE developed an app	24	identification.)
25	Q. To this date, has ASTIKAL developed an app Page 170	23	Page 172
1	of the sort Mr. Branson was suggesting?	1	Q. (By Mr. Bridges) I ask you to look at
$\begin{vmatrix} 1\\2 \end{vmatrix}$	A. We are develop we're we're just		Exhibit 1106, which again I'll represent to you is a
	beginning development now of an app that would be		document that we received in discovery from ASHRAE.
	tied in with compliance for the standard. Let's see	4	Does this appear to you to be an acc
	what was he suggesting.		accurate representation of the sales of the ASHRAE
6	90.1 checklist. It it what we're		90.1 standards for three different versions of the IP
-	developing may be very similar to what he was		version, the inches pounds version?
	thinking of doing, as well. There's much interest	8	A. Yes, it does.
	in in in publishing about making having	9	
1	electronic tools that help make books and documents	-	those standards change over those three versions?
	easier to use in different formats.	11	A. I do not believe so. I don't think between
12	Q. Of course, at the bottom of page 3, he		2010 and '07. I can't recall if '04 had a different
	wasn't suggesting making the documents easy to use.		price.
1	He said, "I also determined that this could be an	14	-
	easy way to get the Standard into the hands of a huge		or maybe I don't have handy the corresponding
1	number of Authorities Having Jurisdiction (building		figures for the SA version.
1	inspectors, fire marshals, etc.), engineers, and	17	There was an SA version at one point?
1	contractors."	18	A. SI.
19	Do you see that?	19	Q. SI?
20	MR. LEWIS: Objection.	20	
21	THE WITNESS: Yes, I do.	21	Q. I'm sorry.
22	Q. (By Mr. Bridges) Has ASHRAE on its own	22	
23	taken any steps since this exchange of correspondence	23	these numbers?
1	in 2010 to get the standard into the hands of a huge	24	A. They'd be much smaller.
25	number of authorities having jurisdiction, such as	25	Q. Much smaller?
	Page 171		Page 173

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			1
1	A. Yeah.		various formats or from various channels, I guess is
2	Q. Would the would the pattern of growth	2	a better description.
3	and diminishment be equivalent, in your view?	3	Q. Did you prepare this chart?
4	MR. LEWIS: Objection.	4	A. Someone in my group did.
5	Q. (By Mr. Bridges) Let me say this: Would	5	Q. Is it is this does this reflect
	the trends be equivalent to the trends evident in		current projections?
	Exhibit 1106, in your view?	7	A. That's correct.
8	A. I don't think you'd have as many sales of	8	Q. And does this show all of the methods and
	older versions.		channels of monetization of the standards themselves,
10	Q. Otherwise, would the trends be roughly		as opposed to other activities that may involve the
	equivalent?		standards?
12	A. The market for the SI version is overseas,	12	A. Those that are directly related to the
	so much smaller numbers.		standards, yes.
14	And what do you mean by by what	14	Q. Okay. Is there a reason why ASHRAE
	by trends? What do you mean?		projects lower a lower or a declining trend in
16	Q. Well, for example, if you look in the middle, the 2007, the numbers grow substantially as a		projected revenue of PDF sales?
	middle, the 2007, the numbers grew substantially as a percentage of the previous year until they peaked,		A. That would be tied to the cycle of the standard.
	and then they went down a bit and then fell very	10	Q. Would that imply, then, that over these
	substantially.		three years, the standards would be approaching end
20	A. When the standard is is newly released,		of their current life as a new version of the
	the sales are higher.		standard being prepared?
23	Q. Right.	23	A. That's right, that would yes, that's
24	And my question just has to do with the		correct. That would occur in some place around
	whether the graph that might describe the SI sales		'16 2016-2017, which is probably why it goes back
	Page 174		Page 176
	would be roughly analogous to the graph describing	1	up a little bit.
	the IP sales in terms of the slope and peak and the	2	
3	like.		You're you're correct. So my description of the
4	MR. LEWIS: Objection.	4	trend was inaccurate.
5	THE WITNESS: I don't think you'd have as	5	Looking at the 2014-2015 projected revenue,
6	many years. The the sales would be focused		how did those numbers compare with the projected
7	on those years when the SI version was current.		revenue for 20 or, I'm sorry. Strike that.
8	Q. (By Mr. Bridges) And when you say the SI	8	1
	sales are much smaller, what's your best estimate as		actual revenue for 2013 to 2014?
	a percentage of the IP sales?	10	A. My guess is this number's a little bit
11	A. Let me look at for 2013, for example, if		A higher. Q. The number in the projections?
	you ask me what the SI version of the 2010 would be, a hundred.	12 13	A. That's the '14-'15 year is probably
13	Q. A hundred quantity?	-	projected slightly higher than '13-'14.
14	A. A hundred quantity, yeah. That may even be	14	Q. Thank you.
	a little on the high side. That's I'm guessing at	16	Please look back at Exhibit 1106. What's
	that now, but		interesting to me is that the peak revenue for the
18	Q. But that's an estimate?		different standards doesn't appear to be in the year
19	A. That's correct.	19	••• •
20	(Defendant's Exhibit 1107 was marked for		statement, but let me then ask you a question.
21	identification.)	21	If we look at the numbers for 90.1 2004,
22	Q. (By Mr. Bridges) Exhibit 1107 is a		that standard was introduced in 2004; correct?
	document that ASHRAE produced to us in discovery.	23	A. That is correct.
24	Can you identify it, please?	24	Q. Its peak sales were in 2007; correct?
25	A. These are sales of of of standards in	25	A. Correct.
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_			
1		1	about to forget my own name.
	was introduced in 2007 its peak sales were in	2	THE WITNESS: I wasn't going to help.
3		3	Q. (By Mr. Bridges) Mr. Comstock, what is
4			Exhibit 1108?
5		5	A. This is a sales by customer type report.
6	lag maybe two years or so, maybe two or three years,	6	Q. Could you please go through the various
7		7	columns and indicate what those headings mean?
8	51 57	8	A. Sure. So "Product Code" is the code for a
	in the year, so I'm assuming this is a calendar year,	9	particular item, book, document that we sell.
10	how this was done. Yeah, I'm quite sure a calendar	10	"Non-Member" would be sales to someone
11	year.		who's not a member of ASHRAE, both quantity and
12	5 5 7		dollars.
	it would come out somewhere around the midpoint of		Sales to members at at member prices,
	the year, sometime later than June 1. So that would		quantity and amount.
	certainly explain why you would have see the	15	Book dealers would be those organizations
16	the sales then the next year.	16	that buy products in bulk and resell.
17		17	Then same pattern for school libraries,
	could be cases where there's more awareness of the		public libraries, subscription agencies, and
	standard, there's more knowledge that there's a newer		bookstores.
20	version available and it may catch up in that manner.	20	Q. Does this page refer to any sales of
21	1 2		standards?
	behind. Two years, it it may be that that that	22	A. This page does not.
	that the big boost of sales is early in that	23	(Defendant's Exhibit 1109 was marked for
	that second year out and then it starts dipping down	24	identification.)
25	again towards the latter half of the year. Page 178	25	Q. (By Mr. Bridges) Same questions with Page 180
1	Q. But if we look at the peak year for 2004,	1	respect to Exhibit 1109. I don't think we need to
2	that came in 2007 after two full years.	2	repeat the columns, but the question is: Does this
3	A. Yeah, I	3	exhibit reflect any sales of standards?
4	Q. Could it have to do with that the fact	4	A. This page does not reflect sale of
5	that awareness of these codes flowed in part from	5	standards.
	their incorporation by governments into laws and	6	Q. Is there a reference to "Out of Print"?
7	regulations requiring	7	A. I see "Not Available."
8	•	8	Q. If we look about two-thirds of the way
9		9	or I guess 60 percent of the way down
10	consult and apply the standards?	10	A. "Out of Print," yes, I see that.
11	5	11	Q. It's "01" sorry, "081900 Out of Print.
12	1		Use 01940."
13		13	That's just referring to a work farther
14		14	down in the in the list there; correct?
	possible explanation for it?	15	A. I see the "Doubt of" the "Out of Print"
16		16	references now.
17		17	Q. Down below there are items that say "Not
18	1 1	18	
19		19	Do you know what that is?
20	· · · · · · · · · · · · · · · · · · ·	20	
21		21	(Defendant's Exhibit 1110 was marked for
22		22	identification.)
	spacing. I've forgotten your name.	23	Q. (By Mr. Bridges) Could you please identify
24			Exhibit 1110?
25		25	A. This is an e-mail exchange started by Jodi
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	Scott.		that would that would be applicable.
2	Q. Are you familiar with the discussions that	2	Q. But do you know why ASHRAE allows ANSI to
3	are contained within this e-mail?	3	make its standards available for free viewing?
4	A. This only what I read here.	4	A. I would say only because they're also ANSI
5	Q. At the end of Mr. Ames' e-mail at the top,	5	
	he said, "Standards community lobbyists are keeping a	6	Q. Are all ASHRAE standards ANSI standards?
7	close watch on this"	7	A. No. There are some that are not.
8	Do you have any idea who the lobbyists for	8	Q. Do you know whether ANSI makes available
9	ASHRAE are and have been?	9	for public viewing all of ASHRAE's ANSI standards?
10	MR. LEWIS: Objection.	10	A. I do not know.
11	THE WITNESS: I'm not I don't know what	11	(Defendant's Exhibit 1111 was marked for
12	he's referring to here.	12	,
13	Q. (By Mr. Bridges) Who is Michael Burgess,	13	Q. (By Mr. Bridges) I've handed you
14	do you know?	14	Exhibit 1111.
15	A. Is he on this?	15	This is an exchange of e-mails among ANSI
16	Q. He's on a different	16	employees and also ASHRAE employees; correct?
17	A. Different.	17	A. I'm not I do not know who all those
18	There was a a member on our board,		people are.
	Michael Burgess, from California. I'm not sure if	19	Q. Who is Cindy Simmons?
20	that's who's being referred to.	20	A. Cindy Simmons is our controller. I I do
21	Q. Xpera Group?	21	
22	MR. LEWIS: Objection. Vague.	22	Q. Mr. Littleton is the executive director of
23	Q. (By Mr. Bridges) That's I think	23	ASHRAE; correct?
24	MR. BRIDGES: You're right. It is vague.	24	A. That is correct.
25	Q. (By Mr. Bridges) Does that name ring a	25	Q. And he says to the others, "You will want
	Page 182		Page 184
1	bell with you as being associated with Mr. Burgess?	1	to read the testimony referenced below. No e-mails,
2	A. Could you repeat the name of that?	2	please"; correct?
3	Q. Xpera Group.	3	A. That's correct.
4	A. No, it does not.	4	Q. What conversations occurred regarding the
5	Q. Do you receive copies of e-mails on a	5	testimony that this e-mail thread refers to?
6	distribution list from the ASHRAE board of directors?	6	A. Personally, I don't recall any
7	A. Typically not.	7	conversations about the about the the the
8	Q. You're not part of ASHRAE-BOD?	8	thread or the items in the thread.
9	A. I am not.	9	Q. Do you recall any other non-written
10	Q. Has ASHRAE published any information to its	10	communications?
11	members about this lawsuit?	11	A. No, no.
12	A. I do not believe we have.	12	(Defendant's Exhibit 1112 was marked for
13	Q. When did strike that.	13	identification.)
14	Has ASHRAE given per permission to ANSI	14	Q. (By Mr. Bridges) Mr. Comstock,
15	to make ASHRAE standards available for free on-line?	15	Exhibit 1112 is a document that ASHRAE's furnished to
16	A. I believe they have a reading room at which	16	us in discovery.
17	we allowed for free viewing some years ago, I	17	Are you familiar with the with this
18	believe.	18	e-mail?
19	Q. Do you know why ASHRAE makes its	19	A. I yeah, I have a recollection of it now
20	standards strike that.	20	that I see it.
21	Do you know why ASHRAE allows ANSI to make	21	Q. So it appears to be an exchange between
22	ASHRAE's standards available for free viewing?	22	Kimberly Gates of ASHRAE and Thomas Long, a member of
23	A. My assumption would be that they would only	23	ASHRAE and chair of the Chapter Education Committee;
24	be the the ANSI-approved standards. So they're	24	is that
25	ANSI ANSI standards, as well as ASHRAE standards	25	A. That's correct, yes.
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1 Q. Is that what this e-mail correspondence is	1 Q. And is it ASHRAE's understanding that it
2 about?	2 needed to give permission to New York State in order
3 A. That is correct.	3 for New York State to incorporate the materials by
4 Q. Who is Kimberly Gates?	4 reference?
5 A. She manages our inventory. She works in my	5 A. I can't speak to that. My involvement was
6 group.	6 their contacting us to ask if they could make copies
7 Q. Do you know anything about Thomas Long	7 for their libraries, which I granted.
8 beyond what's indicated in this e-mail?	8 Q. Are ASHRAE's standards available in most
9 A. No, I don't.	9 public libraries, to your knowledge?
10 Q. Do you know anything about Larry Spiel	10 A. I I do not know.
11 Spielvogel?	11 Q. If if someone living in New York City
12 A. He's been a member of ASHRAE for the whole	12 and interested in some of the legal requirements that
13 time I've been an employee.	13 pertains to ASHRAE standards wanted to review what
14 Q. Has he had any leadership roles?	14 those legal requirements were, what would that
15 A. He was on our board of directors at some	15 person's practical options be for reviewing the
16 point. He he's been a certainly on many	16 standards?
17 committees.	17 MR. LEWIS: Objection.
18 Q. Who is Kristina Rayford?	18 THE WITNESS: I think in New York State,
19 A. She was an employee who reported to	19 they would go to one of those libraries.
20 Kimberly Gates.	20 Q. (By Mr. Bridges) What about someone in
21 Q. What did you understand about Mr. Long's	21 Brunswick, Georgia?
22 needs for print copies of the standard?	22 MR. LEWIS: Objection.
23 A. It appears as if he was organizing a	23 THE WITNESS: I'm not aware what library
24 chapter seminar at which he wished to have copies of	24 facilities may have our standards.
25 the standard for the seminar. Page 186	25 Q. (By Mr. Bridges) Do you know what Page 188
1 Q. And it appears that chapter chapters	1 libraries in Georgia have ASHRAE's standards, the
2 wanting to use ASHRAE standards have to buy those	2 ones that have been incorporated
3 standards from the organization; is that correct?	3 A. I do not.
4 A. Well, from a source. I mean, we	4 Q into law?
5 certainly from us, but there's others, as well.	
	5 A. I would just process requests like this.
•	 5 A. I would just process requests like this. 6 (Defendant's Exhibit 1114 was marked for
6 Q. But but a chapter doesn't get a special	
•	6 (Defendant's Exhibit 1114 was marked for
6 Q. But but a chapter doesn't get a special 7 dispensation to get free copies of standards for	6 (Defendant's Exhibit 1114 was marked for7 identification.)
6 Q. But but a chapter doesn't get a special 7 dispensation to get free copies of standards for 8 chapter education?	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock,
 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between
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 6 Q. But but a chapter doesn't get a special 7 dispensation to get free copies of standards for 8 chapter education? 9 A. No, that's correct. 10 (Defendant's Exhibit 1113 was marked for 11 identification.) 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct?
 6 Q. But but a chapter doesn't get a special 7 dispensation to get free copies of standards for 8 chapter education? 9 A. No, that's correct. 10 (Defendant's Exhibit 1113 was marked for 11 identification.) 12 Q. (By Mr. Bridges) Exhibit 1113 is something 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case.
 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for identification.) Q. (By Mr. Bridges) Exhibit 1113 is something that ASHRAE produced to us in deposition sorry, in 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per
 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for identification.) Q. (By Mr. Bridges) Exhibit 1113 is something that ASHRAE produced to us in deposition sorry, in discovery. That was correcting it. The record 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per 14 table with a minimum fee of \$25 for your
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 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for identification.) Q. (By Mr. Bridges) Exhibit 1113 is something that ASHRAE produced to us in deposition sorry, in discovery. That was correcting it. The record should reflect that. Do you recall this document? A. Vaguely. 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per 14 table with a minimum fee of \$25 for your 15 correspondent to extract tables or figures from the 16 standard; is that correct? 17 A. That's correct.
 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for identification.) Q. (By Mr. Bridges) Exhibit 1113 is something that ASHRAE produced to us in deposition sorry, in discovery. That was correcting it. The record should reflect that. Do you recall this document? A. Vaguely. Q. Is this a request from a New York State 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per 14 table with a minimum fee of \$25 for your 15 correspondent to extract tables or figures from the 16 standard; is that correct? 17 A. That's correct. 18 Q. All right. And, in fact, the person wanted
 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for identification.) Q. (By Mr. Bridges) Exhibit 1113 is something that ASHRAE produced to us in deposition sorry, in discovery. That was correcting it. The record should reflect that. Do you recall this document? A. Vaguely. Q. Is this a request from a New York State agency? 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per 14 table with a minimum fee of \$25 for your 15 correspondent to extract tables or figures from the 16 standard; is that correct? 17 A. That's correct. 18 Q. All right. And, in fact, the person wanted 19 to take information from the tables and figures, as
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 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for identification.) Q. (By Mr. Bridges) Exhibit 1113 is something that ASHRAE produced to us in deposition sorry, in discovery. That was correcting it. The record should reflect that. Do you recall this document? A. Vaguely. Q. Is this a request from a New York State agency? A. That is correct. Q. What do you recall about the context of 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per 14 table with a minimum fee of \$25 for your 15 correspondent to extract tables or figures from the 16 standard; is that correct? 17 A. That's correct. 18 Q. All right. And, in fact, the person wanted 19 to take information from the tables and figures, as 20 opposed to the formatted tables and figures 21 themselves; is that correct?
 6 Q. But but a chapter doesn't get a special 7 dispensation to get free copies of standards for 8 chapter education? 9 A. No, that's correct. 10 (Defendant's Exhibit 1113 was marked for 11 identification.) 12 Q. (By Mr. Bridges) Exhibit 1113 is something 13 that ASHRAE produced to us in deposition sorry, in 14 discovery. That was correcting it. The record 15 should reflect that. 16 Do you recall this document? 17 A. Vaguely. 18 Q. Is this a request from a New York State 19 agency? 20 A. That is correct. 21 Q. What do you recall about the context of 22 this? 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per 14 table with a minimum fee of \$25 for your 15 correspondent to extract tables or figures from the 16 standard; is that correct? 17 A. That's correct. 18 Q. All right. And, in fact, the person wanted 19 to take information from the tables and figures, as 20 opposed to the formatted tables and figures 21 themselves; is that correct? 22 MR. LEWIS: Objection.
 Q. But but a chapter doesn't get a special dispensation to get free copies of standards for chapter education? A. No, that's correct. (Defendant's Exhibit 1113 was marked for identification.) Q. (By Mr. Bridges) Exhibit 1113 is something that ASHRAE produced to us in deposition sorry, in discovery. That was correcting it. The record should reflect that. Do you recall this document? A. Vaguely. Q. Is this a request from a New York State agency? A. That is correct. Q. What do you recall about the context of this? A. I believe it was to maintain copies in 	 6 (Defendant's Exhibit 1114 was marked for 7 identification.) 8 Q. (By Mr. Bridges) Mr. Comstock, 9 Exhibit 1114 is an exchange of correspondence between 10 you and a gentleman in Canada regarding creation of a 11 code and guideline; is that correct? 12 A. That appears to be the case. 13 Q. And in it you quoted a price of \$10 per 14 table with a minimum fee of \$25 for your 15 correspondent to extract tables or figures from the 16 standard; is that correct? 17 A. That's correct. 18 Q. All right. And, in fact, the person wanted 19 to take information from the tables and figures, as 20 opposed to the formatted tables and figures 21 themselves; is that correct? 22 MR. LEWIS: Objection. 23 Q. (By Mr. Bridges) At least that's evident

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1	THE WITNESS: I I think that was a		which consists of an e-mail followed by several
2	question I had, whether or not they would be		pages. This is the way they were produced to us. I
3	lifted exactly as they were.		think the several pages after the first two were in a
4	Q. (By Mr. Bridges) I mean, I think he		separate file associated with the e-mail on top, so I
5	-		suspect that after the second page of the exhibit,
6	MR. LEWIS: Objection.	6	we're looking at the attachment, "How to Use
7	THE WITNESS: I don't see my reply to that.	7	RightsLink.doc."
8	Q. (By Mr. Bridges) Yeah, I don't see your	8	Is that your understanding looking at the
	reply, but this seems to be his reply to you.	9	document, as well?
10	"If you lifted tables or figures exactly as	10	A. Yes.
	they were," and you go on to say more, and he	11	Q. And, again, this is an e-mail by your
	responds by saying, "We will not be using tables and		assistant, Julie Harr, to someone outside of ASHRAE
	figures exactly as they are in the standard; they		apparently named Sam Hurt, who describes himself on
	will instead be applied to the needs of this proj	14	page 2; is that right?
	this project. Also, we will be using some text as it	15	A. Yes, that's correct.
	appears in the standard but not taking exact pages of	16	Q. Do the pages in the apparent attachment
· ·	text from it."		starting on the third page of the exhibit depict the
18	Does that suggest to you that he was		RightsLink process?
	looking for the formatting and expression of the	19	A. Yes, it does.
	standard or the information in the standard?	20	Q. And it depicts the RightsLink process as
21	A. That would suggest to me it's the		ASHRAE offered it to persons wishing to seek
	information and I would not charge a fee.	22	permission to use ASHRAE material; is that correct?
23	(Defendant's Exhibit 1115 was marked for	23	A. Yes, that's correct.
24	identification.)	24	(Defendant's Exhibit 1117 was marked for
25	Q. (By Mr. Bridges) I'm handing you a an	25	identification.)
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	Exhibit 1115. This is as we received, a group of	1	Q. (By Mr. Bridges) Mr. Comstock,
2	documents, it appears to us, from ASHRAE in	2	Exhibit 1117 is an exchange strike that.
3	discovery.	3	Exhibit 1117 is a series of e-mails, one to
4	And I was wondering if you had an		you from someone named Mike Moore and then another
5	• • •	5	from you forwarding it to your assistant; is that
6	MR. LEWIS: There's quite a bit there, so	6	correct?
7	take your time.	7	A. That is correct.
8	THE WITNESS: These appear to be various	8	Q. And in the top e-mail, this is your
9	reprint requests that Julie Harr had processed		communication to your assistant on how to respond to
10		10	the request in Mr. Moore's e-mail; is that correct?
11	Q. (By Mr. Bridges) Is it your understanding	11	A. That is correct.
	that she compiled and gathered these various	12	(Defendant's Exhibit 1118 was marked for
	requests?	13	identification.)
14	A. Yes, that's what I believe has happened.	14	Q. (By Mr. Bridges) I hand you Exhibit 1118.
15	Q. Did she compile it for purposes of		This is a series of e-mails between you and Mike
	discovery in the case?		Moore, who we referred to in a previous exhibit,
17	A. I I believe that's the case. I believe	17	followed by a response to you from Steve Comstock,
	she was asked for samples.	18	
19	Q. So these are samples from the from		Mr. Moore; is that correct?
	ASHRAE's records?	20	MR. LEWIS: Objection.
21	A. That's that's my understanding.	21	THE WITNESS: Steve Ferguson.
22	Q. Thank you.	22	Q. (By Mr. Bridges) Yes, I apologize. Let me
23	(Defendant's Exhibit 1116 was marked for	23	restate that.
24	· · · · · · · · · · · · · · · · · · ·	24	This is a series of e-mails between you and
25	Q. (By Mr. Bridges) I hand you Exhibit 1116,	25	Mike Moore, whom we referred to in a previous
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	-	
1 exhibit, followed by a response to you from Steve	1	If ASHRAE did it, then that was the the
2 Ferguson, whom you had copied on one of your e-mails	2	standards people involved thought that was a that
3 to Mr. Moore; is that correct?	3	it was a a good technical solution to submit our
4 A. That is correct.	4	content.
5 Q. What is Steve Ferguson's role?	5	So but at that time, there was concerns
6 A. He's he's in our standards group and he	6	about whether somebody else somebody else using
7 works with code bodies.	7	our content and submitted it.
8 Q. And what do you mean by "code bodies"?	8	Q. Does ASHRAE 90.1 include any content from
9 A. Oh, I guess code-writing groups like so	9	other standards organizations?
10 he would go to code hearings, for example, for codes	10	A. I don't believe so.
11 that are considered for adoption.	11	MR. BRIDGES: Why don't we take a short
12 Q. Is that codes within ASHRAE or outside	12	break and then I think I may have a few wrap-up
13 ASHRAE or both?	13	questions, but I think I'm through with the
14 A. External to ASHRAE.	14	documents. Oh, sorry, I may have one more.
15 Q. External.	15	Oh, yes, let me just do this. No.
16 When you say "codes being considered for	16	So let's take a break, we'll do a short
17 adoption," do you mean codes being considered for	17	regroup, and then we'll have just a final set of
18 adoption into law or regulation?	18	questions.
19 A. I think it's building codes. Steve, he's	19	MR. LEWIS: Okay.
20 outside of my group so I'm not sure exact exactly	20	VIDEOGRAPHER: This is the end of Video 4
21 what his responsibilities are, but they are in the	21	We're off the record at 6:38 p m.
22 codes arena within our standards area.	22	(Thereupon, there was an interruption in
23 Q. Can you explain the context of the e-mails	23	the proceedings.)
24 in Exhibit 1118, please?	24	VIDEOGRAPHER: This is the beginning of
25 A. So it looks like this fellow, Mike Moore,	25	Video 5. We're on the record at 6:45 p.m.
Page 194		Page 196
1 wanted to get permission from ASHRAE for use of	1	MR. BRIDGES: Mr. Comstock, I have no
2 content.	2	further questions. Thank you very much.
3 And besides what I I really can't recall	3	VIDEOGRAPHER: This concludes the
4 any of the background for this besides what I can	4	deposition. We're going off the record at
5 read here.	5	6:46 p.m.
6 Q. You refer to ICC policies as having been	6	(Whereupon, the deposition was concluded at
7 made clear to us.	7	6:46 p.m.)
8 Do you recall what that means?	8	(Pursuant to Rule 30(e) of the Federal
9 A. Yeah. Back in this era this is quite	9	Rules of Civil Procedure and/or O.C.G.A.
10 some it was quite a few years ago when ASHRAE	10	9-11-30(e), signature of the witness has been
11 content was submitted to the ICC at the time, ASHRAE	11	reserved.)
12 lost the copyright of the con ownership of the	12	
13 content.	13	
14 Q. Do you know what specific documents you're	14	
15 referring to?	15	
16 A. I real I think this was back	16	
17 probably IECC, the International Energy Conservation	17	
18 Code, is probably the document that this was to be	18	
19 include yes, IECC.	19	
20 Q. And does this reference mean that somehow	20	
21 ASHRAE lost the copyright because of an ICC policy?	21	
22 A. That's that was my understanding at the	22	
23 time, that if if our content was submitted by	23	
24 somebody to ICC, then we would lose the ownership of	24	
25 that.	25	
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	-	

50 (Pages 194 - 197)

1	CERTIFICATE	
2		
3		
	STATE OF GEORGIA:	
4	Since of Georgin.	
- T	COUNTY OF FULTON:	
5	COUNTY OF FULTON.	
5		
6		
_	I hereby certify that the foregoing transcript was	
17	taken down, as stated in the caption, and the	
	questions and answers thereto were reduced to	
8	typewriting under my direction; that the foregoing	
	pages represent a true, complete, and correct	
9	transcript of the evidence given upon said hearing,	
	and I further certify that I am not of kin or counsel	
10	to the parties in the case; am not in the regular	
	employ of counsel for any of said parties; nor am I	
11	in anywise interested in the result of said case.	
12		
13		
14		
	Lee an Barnes	
	LEE ANN BAKINES, CCR B-1852, RPR, CRR	
17		
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19		
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1		
1	DEPOSITION ERRATA SHEET	
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2	DEPOSITION ERRATA SHEET Our Assignment No. 2023730	
2 3	DEPOSITION ERRATA SHEET Our Assignment No. 2023730 Case Caption: AMERICAN SOCIETY FOR TESTING	
2 3	DEPOSITION ERRATA SHEET Our Assignment No. 2023730 Case Caption: AMERICAN SOCIETY FOR TESTING AND MATERIALS d/b/a ASTM INTERNATIONAL, et al. vs.	
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2 3 4	DEPOSITION ERRATA SHEET Our Assignment No. 2023730 Case Caption: AMERICAN SOCIETY FOR TESTING AND MATERIALS d/b/a ASTM INTERNATIONAL, et al. vs. PUBLIC.RESOURCE.ORG, INC. DECLARATION UNDER PENALTY OF PERJURY	
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Federal Rules of Civil Procedure

Rule 30

(e) Review By the Witness; Changes.

(1) Review; Statement of Changes. On request by the deponent or a party before the deposition is completed, the deponent must be allowed 30 days after being notified by the officer that the transcript or recording is available in which:
(A) to review the transcript or recording; and
(B) if there are changes in form or substance, to sign a statement listing the changes and the reasons for making them.

(2) Changes Indicated in the Officer's Certificate. The officer must note in the certificate prescribed by Rule 30(f)(1) whether a review was requested and, if so, must attach any changes the deponent makes during the 30-day period.

DISCLAIMER: THE FOREGOING FEDERAL PROCEDURE RULES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE ABOVE RULES ARE CURRENT AS OF SEPTEMBER 1, 2014. PLEASE REFER TO THE APPLICABLE FEDERAL RULES OF CIVIL PROCEDURE FOR UP-TO-DATE INFORMATION.