



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

APR 13 1989

MEMORANDUM FOR: H. Lee Hiller, Deputy Controller
Office of the Controller

FROM: Jesse L. Funches, Director
Program Management, Policy Development
and Analysis Staff, NMSS

SUBJECT: MATERIALS INSPECTION LICENSE FEES

NMSS has completed the evaluation of the hours to be used for materials licensee inspection fees. Since the RITS staff time for materials inspections is not reported by license fee category, NMSS is unable to rely entirely on it for providing the new estimates for 10 CFR 170. Instead, we are basing our recommendations on a combination of RITS hours and NRC management experience.

NMSS is recommending the use of the enclosed average hours for materials licensee inspection fees in the proposed revision to 10 CFR 170. These NMSS recommendations for the new fee schedule were developed by analyzing the RITS reported staff time to perform inspections and Regional management estimates based on experience. Both of these methods resulted in estimated hours that were, in almost all cases, equal to or greater than the number of hours used in the current fee schedule. Therefore, we concluded that the hours in the current fee schedule were too low. However, NMSS adopted the more conservative approach of using the average of the hours estimated by Regional management staff, since they were usually lower than the estimates developed through manipulation of RITS data.

If you have any questions, please call Claudia Seelig on ext. 20659.

A handwritten signature in cursive script, appearing to read "Jesse L. Funches".

Jesse L. Funches, Director
Program Management, Policy Development
and Analysis Staff, NMSS

Enclosure: As stated

cc: J. Holloway, LFMB

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17pp

FILE:FEES9

1989 LICENSE FEE CATEGORY		NMSD RECOMMENDATION FOR NEW FEE SCHEDULE (IN HOURS)
1C	ROUTINE	12
	NON-ROUTINE	20
1D	ROUTINE	9
	NON-ROUTINE	12
2B	ROUTINE	10
	NON-ROUTINE	14
2C	ROUTINE	16
	NON-ROUTINE	24
3A	ROUTINE	16
	NON-ROUTINE	24
3B	ROUTINE	8
	NON-ROUTINE	16
3C	ROUTINE	18
	NON-ROUTINE	32
3D	ROUTINE	16
	NON-ROUTINE	24
3E	ROUTINE	12
	NON-ROUTINE	24
3F	ROUTINE	16
	NON-ROUTINE	32
3G	ROUTINE	20
	NON-ROUTINE	36
3H	ROUTINE	8
	NON-ROUTINE	16
3I	ROUTINE	8
	NON-ROUTINE	16
3J	ROUTINE	8
	NON-ROUTINE	16

FILE:FEES9

1989 LICENSE FEE CATEGORY		HWSS RECOMMENDATION FOR NEW FEE SCHEDULE (IN HOURS)
3K	ROUTINE	8
	NON-ROUTINE	16
3L	ROUTINE	24
	NON-ROUTINE	40
3M	ROUTINE	12
	NON-ROUTINE	24
3N	ROUTINE	6
	NON-ROUTINE	12
3D	ROUTINE	12
	NON-ROUTINE	24
3P	ROUTINE	6
	NON-ROUTINE	8
4B	ROUTINE	13
	NON-ROUTINE	24
4C	ROUTINE	6
	NON-ROUTINE	12
5A	ROUTINE	4
	NON-ROUTINE	8
5B	ROUTINE	8
	NON-ROUTINE	16
6A	ROUTINE	12
	NON-ROUTINE	24
7A	ROUTINE	16
	NON-ROUTINE	32
7B	ROUTINE	24
	NON-ROUTINE	40
7C	ROUTINE	16
	NON-ROUTINE	32

FILE:FEES9

1989 LICENSE FEE CATEGORY	MMSS RECOMMENDATION FOR NEW FEE SCHEDULE (IN HOURS)	
BA ROUTINE		3
NON-ROUTINE		6

INATION OF MATERIALS INSPE FEES

PROFESSIONAL STAFF HOUR DATA
USED IN CURRENT FEE SCHEDULE (6/84)

Profess.
Process

Cost
Per
S/H

Fee

FEE CATEGORIES

TYPE OF
INSPECTION

Time
(S/H)

x

1. SPECIAL NUCLEAR MATERIAL



C. Licenses for possession and use of special nuclear material in sealed sources contained in devices used in industrial measuring systems.

Routine
Non-Routine

4
12

D. All other special nuclear material licenses, except licenses authorizing special nuclear material in unsealed form in combination that would constitute a critical quantity as defined in § 150.11 of Part 150 which shall pay fees in accordance with Category 1A.

Routine
Non-Routine

6
7

2 SOURCE MATERIAL

B. Use of source material for shielding.

Routine
Non-Routine

2.5
3

C. All other source material licenses.

Routine
Non-Routine

7
13

3. BYPRODUCT MATERIAL

A. Licenses of broad scope for possession and use of by-product material issued pursuant to Parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution.

Routine
Non-Routine

18
19

<u>FEE CATEGORIES</u>	<u>TYPE OF INSPECTION</u>	<u>Process Time (S/H)</u>	<u>Cost Per S/H</u>	<u>Fee</u>
<u>BYPRODUCT MATERIAL (con't.)</u>				
B. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution.	Routine	9		
	Non-Routine	17		
C. Licenses issued pursuant to §32.72, 32.73 and/or 32.74 of Part 32 of this chapter authorizing the processing or manufacture and distribution of radiopharmaceuticals, generators, reagent kits and/or sources and devices containing byproduct material.	Routine	12		
	Non-Routine	16		
D. Licenses issued pursuant to §32.72, 32.73 and/or 32.74 of Part 32 of this chapter authorizing distribution of radiopharmaceuticals, generators, reagent kits and/or sources or devices not involving processing of byproduct material.	Routine	7		
	Non-Routine	10		
E. Licenses for possession and use of byproduct material in sealed sources for irradiation of materials where the source is not removed from its shield (self-shielded units).	Routine	4		
	Non-Routine	6		
F. Licenses for possession and use of less than 10,000 curies of byproduct material in sealed sources for irradiation of materials where the source is exposed for irradiation purposes.	Routine	5		
	Non-Routine	11		
G. Licenses for possession and use of 10,000 curies or more of byproduct material in sealed sources for irradiation of materials where the source is exposed for irradiation	Routine	9		
	Non-Routine	12		

<u>FEE CATEGORIES</u>	<u>TYPE OF INSPECTION</u>	<u>Process Time (S/H)</u>	<u>Cost Per S/H</u>	<u>Fee</u>
<u>BYPRODUCT MATERIAL (con't.)</u>				
H. Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material which require device review to persons exempt from the licensing requirements of Part 30 of this chapter.	Routine	6		
	Non-Routine	6		
I. Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material which do not require device evaluation to persons exempt from the licensing requirements of Part 30 of this chapter.	Routine	4		
	Non-Routine	6		
J. Licenses issued pursuant to subpart B of Part 32 of this chapter to distribute items containing byproduct material which require sealed source and/or device review to persons generally licensed under Parts 31 or 35 of this chapter, except specific licenses authorizing redistribution of items which have been authorized for distribution to persons generally licensed under Parts 31 or 35 of this chapter.	Routine	6		
	Non-Routine	6		
K. Licenses issued pursuant to subpart B of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct which do not require sealed source and/or device review to persons generally licensed under Parts 31 or 35 of this chapter.	Routine	6		
	Non-Routine	6		

DETERMINATION OF MATERIALS INSPECTION FEES (con't.)

FEE CATEGORIES

Type Of Inspection

Process Time (S/H)

Cost Per S/H

Fee

3. BYPRODUCT MATERIAL (con't.)

L. Licenses of broad scope for possession and use of byproduct material issued pursuant to Parts 30 and 33 of this chapter for research and development which do not authorize commercial distribution.

Routine	8
Non-Routine	10

M. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for research and development which do not authorize commercial distribution.

Routine	7
Non-Routine	8

N. Licenses which authorize services for other licenses, except for leak testing and waste disposal pickup services.

Routine	6
Non-Routine	6

O. Licenses for byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations.

Routine	10
Non-Routine	22

P. All other specific byproduct material licenses, except those in the categories 4A through 9B.

Routine	10
Non-Routine	10

4 WASTE DISPOSAL

B. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of packaging or repackaging the material. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.

Routine	19
Non-Routine	14

DETERMINATION OF MATERIALS INSPECTION FEES (con't.)

<u>FEE CATEGORIES</u>	<u>TYPE OF INSPECTION</u>	<u>Profess. Process Time (S/H)</u>	<u>Cost Per S/H</u>	<u>Fee</u>
<u>WASTE DISPOSAL (con't.)</u>				
C. Licenses specifically authorizing the receipt of prepackaged waste byproduct material, source material, or special nuclear material from other persons. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.	Routine	14		
	Non-Routine	18		

5. WELL LOGGING

A. Licenses specifically authorizing use of byproduct material and/or special nuclear material for well logging, well surveys, and tracer studies other than field flooding tracer studies.	Routine	7		
	Non-Routine	7		
B. Licenses specifically authorizing use of byproduct material for field flooding tracer studies.	Routine	6		
	Non-Routine	9		

DETERMINATION OF MATERIALS INSPECTION FEES (con't.)

<u>FEE CATEGORIES</u>	<u>TYPE OF INSPECTION</u>	Profess. Process Time <u>(S/H)</u>	Cost Per <u>S/H</u>	= <u>Fee</u>
6. <u>NUCLEAR LAUNDRIES</u>				
A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material.	Routine	10		
	Non-Routine	16		
7. <u>HUMAN USE OF BYPRODUCT, SOURCE OR SPECIAL NUCLEAR MATERIAL</u>				
A. Licenses issued pursuant to Parts 30, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	Routine	10		
	Non-Routine	16		
B. Licenses of broad scope issued to medical institutions or two or more physicians pursuant to Parts 30, 33, 35, 40 and 70 of this chapter authorizing research and development including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	Routine	14		
	Non-Routine	15		
C. Other licenses issued pursuant to Parts 30, 35, 40 and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	Routine	9		
	Non-Routine	13		

DETERMINATION OF MATERIALS INSPECTION FEES (con't.)

<u>FEE CATEGORIES</u>	<u>TYPE OF INSPECTION</u>	<u>Profess. Process Time (S/H)</u>	<u>Cost Per S/H</u>	<u>Fee</u>
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8. CIVIL DEFENSE:

A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities	Routine	6		
	Non-Routine	6		

	Initials	Date
Prepared By		
Approved By		

Summary
Typical Reports Billed July 1989

Costs Above \$20,000

Assumes July 1990 Rate Applied to Existing Contracted Costs

National
 45-004 Eye-Ease
 45-004 20/20 Buff
 Made in USA

1	2	3	4
Topic	\$ IN Thousands		
Westinghouse	180		1
B&W Group	153		2
Westinghouse	121		3
G.E.	90		4
B&W	79		5
B&W	72		6
B&W	68		7
Westinghouse	59		8
Westinghouse	<u>55</u>	(MEDIAN)	9
B&W O. Group	47		10
B&W O. Group	46		11
G.E.	42		12
2nd Pur & Dist	42		13
2nd Pur & Dist	41		14
Westinghouse	38		15
Chen Nuclear	36		16
DURATEC Corp	<u>29</u>		17
	1195	* 55000 OF MEDIAN	19

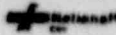
Prepared By: _____
 Approved By: _____

Completed: 2010.15.15
 Assumed 70% of 790000 Applied + Use Savings Calculation

	1-5K	5-10K	10-20K	20-30K	30-40K	40-50K	50-60K	60-70K	70-80K	80-90K	90-100K	100-110K
1	1500	2650										
2	995	1770										
3	3230	2890	10920									
4	1140	4840	14740									
5	2160	5700										
6	910											
7	1230											
8	1610											
9	2600											
10	4460											
11	1500											
12	4800											
13	1230											
14	2090											
15	2470											
16	1520											
17	2540											
18	1550											
19	1140											
20	3990											
21	3890											
22	2600											
23	3200											
24	1800											
25	2870											
26	2470											
27	3790											
28	2090											
29	2280											
30	4630											

110-110 K

110-110 K
 170-170 K
 160-160 K
 150-150 K
 140-140 K
 130-130 K
 120-120 K
 110-110 K


 85-001 Exp-Sales
 85-001 20/30 B/LP
 MADE IN U.S.A.

Completed TOPCONS
Bill of Materials
Assume 2990 Rate + Existing Contracted Costs

		QTY	UNIT PRICE	AMOUNT	CONTRACTED COST	TOTAL COST
Amusement Mechanicals	20 K	95	1900	-	1900	
ASCO - ARM	21 X	95	1995	-	1995	
BOW	277.1	95	26553	52412	78965	
BOW	25 X	95	2375	66101	61476	
BOW	55	95	5225	66951	72176	
BOW O F	64 X	95	9215	36152	46067	
BWAS - Pac	10 X	95	950	-	950	
" "	6 X	95	570	-	570	
BOW O G	13 X	95	9975	36852	46827	
" "	152	95	15280	-	15280	
Card Nuclear	114	95	10830	24140	35670	
CZ	6 X	95	570	-	570	
Comm Edison	10 X	95	950	-	950	
" "	24	95	3230	-	3230	
" "	12 X	95	1140	-	1140	
" "	7 X	95	2865	-	2865	
" "	10	95	950	-	950	
" "	13	95	1235	-	1235	
" "	17	95	1615	-	1615	
" "	4 X	95	380	-	380	
" "	4	95	380	-	380	
" "	6	95	570	-	570	
" "	6 X	95	570	-	570	
Consumer Pac	39 X	95	3610	-	3610	
" "	47 X	95	4465	-	4465	
" "	76	95	7695	-	7695	
" "	16 X	95	1520	-	1520	
Coop Agem Employment Eval	16 X	95	1520	-	1520	
" "	7 X	95	665	-	665	
Inverted Cap	104	95	9880	19490	29370	
Fluor Light	11 X	95	1045	39592	40637	
" " "	25	95	2375	39656	42031	
Gen Atomic	7 X	95	665	-	665	
" "	7	95	665	-	665	
GE	6 X	95	570	-	570	
" "	148	95	14810	28625	42435	
" "	22 X	95	2090	12175	29813	
" "	11 X	95	1045	-	1045	
NASALH Motowick	155 X	95	14725	-	14725	
" "	19 X	95	1805	-	1805	
" "	13 X	95	1235	-	1235	
NORTHWEST Nat	22 X	95	2090	-	2090	
" "	26 X	95	2470	-	2470	
TOTAL	366 X	95	34770	489252	837022	

CONTINUED

122

	1	2	3	4
	No. Hrs / Rate	Hourly Cost	Contract Costs	Total Costs
Portland SE	19 x 95	1805	—	1805
"	16 x 95	1520	—	1520
Sargent & Lundy	21 x 95	2445	—	2445
So. Calif Edison	21 x 95	1995	—	1995
"	4 x 95	380	—	380
Systems Energy	4 x 95	380	—	380
"	12 x 95	1140	—	1140
"	42 x 95	3990	—	3990
"	7 x 95	665	—	665
"	44 x 95	3895	—	3895
"	6 x 95	570	—	570
"	28 x 95	2660	—	2660
Va Pow	34 x 95	3230	—	3230
"	19 x 95	1805	—	1805
"	30 x 95	2850	—	2850
"	184 x 95	17480	—	17480
Norfolk	26 x 95	2470	—	2470
"	453 x 95	43035	16000	59035
"	42 x 95	3990	—	3990
"	113 x 95	11685	42500	55185
"	1590 x 95	179598	437	180035
"	337 x 95	32015	88712	120727
"	40 x 95	3800	33701	37501
"	72 x 95	6840	—	6840
"	60 x 95	5700	—	5700
Jaker	22 x 95	2090	—	2090
"	24 x 95	2280	—	2280
"	49 x 95	4655	—	4655
	3636.5	345469	182,350	527819
	9241.5	768799.3	767,604	1,359,447

F.E-31

COMPANY NAME	REPORT NO	ADD NO OR SUPP NO	SUBMITTAL DATE	COMPLETION DATE	NO OF HOURS	CONTRACTUAL COSTS	TOTAL COSTS	AMT OVER CEILING	FY BILLED
ADVANCED NUCLEAR FUELS CORP.	IN-86-84-105	SUPPL 4 TO VOL 1	7/9/87	5/17/88	20.0 X 62	0	1,240	0	89
ASEA-ATON	TR-86-85-225	SUPPL 1	10/15/87	5/5/88	21.0 X 62	0	1,302	0	89
BABCOCK & WILCOX CORP.	BAB-1013VP		5/12/86	2/17/89	277.5 X 62	52,413	66,533	49,618	89
BABCOCK & WILCOX CORP.	BAB-1016J3		7/23/87	3/6/89	25.0 X 62	64,101	67,651	47,651	89
BABCOCK & WILCOX CORP.	BAB-1017OP		9/16/87	9/14/88	55.0 X 62	66,951	69,951	49,951	89
BABCOCK & WILCOX OWNERS GROUP	BAB-1976		9/86	3/21/89	84.0 X 62	36,852	40,278	39,160	89
BURNS & ROE ENTERPRISES	COM-1	REV 5	2/26/87	4/22/87	10.0 X 62	0	620	0	89
BURNS & ROE ENTERPRISES	COM-1	REV 6	6/13/88	8/5/88	6.0 X 62	0	372	0	89
BURNS & ROE OWNERS GROUP	COM-1981		10/86	3/21/89	92.0 X 62	36,852	43,674	42,554	89
BAR OWNERS GROUP	ME80-31331		3/88	9/12/88	1608.5 X 62	0	99,727	79,727	89
CHEM NUCLEAR SYSTEMS, INC.	RDS-25506-01	REV 1 ON RDS-1060	3/17/87	10/27/88	114.0 X 62	24,840	31,968	11,908	89
COMBUSTION ENGINEERING	CEMP-2104	REV 4	1/30/87	3/5/87	6 X 33	0	318	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 42	11/21/86	1/20/88	10 X 33	0	528	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 43	12/22/86	1/26/88	34 X 33	0	1,002	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 44	2/25/87	1/20/88	17 X 33	0	636	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 45	6/30/87	1/20/88	27 X 33	0	1,431	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 46	8/11/87	1/7/88	10 X 33	0	530	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 47	11/7/87	1/20/88	13 X 33	0	609	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 48	12/4/87	1/20/88	17 X 33	0	981	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 49	2/26/88	5/2/88	4 X 33	0	212	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 50	4/18/88	5/2/88	4 X 33	0	212	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 51	7/7/88	8/19/88	6 X 33	0	318	0	89
COMMONWEALTH EDISON COMPANY	CE-1-4	REV 52	9/13/88	10/7/88	6 X 33	0	318	0	89
CONSUMERS POWER COMPANY	CPC-2A	CHGS TO REV 5 AND REV 6	1/28/87	3/1/88	34 X 33	0	1,044	0	89
CONSUMERS POWER COMPANY	CPC-2A	REV 7	8/10/87	3/1/88	47 X 33	0	2,491	0	89
CONSUMERS POWER COMPANY	CPC-2A	REV 8	10/21/88	4/28/89	78.0 X 86	0	6,867	0	89
CONSUMERS POWER COMPANY	CPC-2A	REV 9	1/15/88	3/1/88	14 X 33	0	498	0	89
COORDINATING AGENCY FOR SUPPLIER EVAL	GA	REV 3	11/7/86	10/23/87	86.0 X 62	0	5,182	0	89
COORDINATING AGENCY FOR SUPPLIER EVAL	GA	REV 4	5/6/88	7/1/88	7.0 X 62	0	434	0	89
DURATEX CORPORATION	D-8VR-RED-1		7/23-27	8/15/88	104.0 X 62	19,492	25,940	3,940	89
FLORIDA POWER & LIGHT CO.	FLP-2A		5/10/87	4/19/88	11.0 X 62	39,594	40,276	28,276	89
FLORIDA POWER & LIGHT CO.	FLP-2A		1/7/86	4/19/88	25.0 X 62	39,656	41,206	21,206	89
GENERAL ATOMICS	GA-413010A	AM 9	4/6/87	5/4/87	7 X 33	0	371	0	89
GENERAL ATOMICS	GA-413010A	AM 10	12/6/88	3/16/89	7.0 X 62	0	492	0	89
GENERAL ELECTRIC CO.	GE-22290	SUPPL 3	9/2/87	5/ 5/88	62.0 X 62	0	3,844	0	89
GENERAL ELECTRIC CO.	GE-24011	REV 7	8/8/86	4/20/88	198.0 X 62	23,625	35,961	15,901	89
GENERAL ELECTRIC CO.	GE80-24011-P	AM 16	10/31/86	5/12/88	73.0 X 62	82,878	87,404	67,404	89
GENERAL ELECTRIC CO.	GE80-24011-P-A	AM 21	7/25/88	3/17/89	104.0 X 62	0	7,394	0	89
NIAGARA MOHAWK POWER CORPORATION	NPCC-QATR-1	BASIC AND REV., 1	8/16/85	12/31/85	135 X 53	0	8,063	0	89
NIAGARA MOHAWK POWER CORPORATION	NPCC-QATR-1	REV. 2	12/30/86	3/4/87	19 X 53	0	1,007	0	89
NIAGARA MOHAWK POWER CORPORATION	NPCC-QATR-1	REV 3	1/15/88	3/23/88	13 X 53	0	689	0	89
NORTHEAST NUCLEAR ENERGY COMPANY	NU-QAP-1	REV 10	6/4/87	7/30/87	22 X 53	0	1,016	0	89
NORTHEAST NUCLEAR ENERGY COMPANY	NU-QAP-1	REV 10	5/18/88	7/18/88	26 X 53	0	1,378	0	89
PORTLAND GENERAL ELECTRIC CO.	PGE8010	INTERIM CHG 187-2 FOR REV 11	4/8/88	5/19/88	19 X 53	0	1,007	0	89
PORTLAND GENERAL ELECTRIC CO.	PGE-8010	INTERIM CHG 188-1 FOR REV 11	6/3/88	7/27/88	16 X 53	0	898	0	89
SARGENT & LUNDY ENGINEERS	SL-TR-18	REV 7	9/22/86	4/12/88	31.0 X 62	0	1,922	0	89
SOUTHERN CALIFORNIA EDISON CO.	SC-1-4	CHG 21 TO AM 10	8/31/87	2/2/88	21 X 53	0	1,113	0	89
SOUTHERN CALIFORNIA EDISON CO.	SC-1-4	CHG 25 TO AM 10	3/9/88	4/5/88	4 X 53	0	212	0	89
SYSTEMS ENERGY RESOURCES, INC.	SYS-10P-1A	REV 4	5/14/85	7/29/85	4 X 53	0	212	0	89
SYSTEMS ENERGY RESOURCES, INC.	SYS-10P-1A	CHGS TO REV 4	11/15/85	1/15/86	12 X 53	0	636	0	89
SYSTEMS ENERGY RESOURCES, INC.	SYS-10P-1A	REV 5	6/10/86	9/19/86	42 X 53	0	2,226	0	89
SYSTEMS ENERGY RESOURCES, INC.	SYS-10P-1A	CHGS TO REV. 5	12/22/86	3/2/87	7 X 53	0	371	0	89
SYSTEMS ENERGY RESOURCES, INC.	SYS-10P-1A	REV 6	7/31/87	9/17/87	41 X 53	0	2,173	0	89

Company	Report ID	Revision	Start Date	End Date	Cost	Personnel
SYSTEMS ENERGY RESOURCES, INC.	WPL-TOP-1A	REV 6	1/11/80	2/8/80	0	0
SYSTEMS ENERGY RESOURCES, INC.	WPL-TOP-1A	REV 7	8/26/80	12/5/80	0	1,400
VIRGINIA POWER COMPANY	WEP-1	AM 4A UPDATE	8/30/85	11/15/85	0	1,202
VIRGINIA POWER COMPANY	WEP-1	AM 5	12/31/85	2/13/86	0	1,007
VIRGINIA POWER COMPANY	WEP-1	AM 5A UPDATE	3/23/87	5/13/87	0	1,590
VIRGINIA POWER COMPANY	WEP-NE-2		10/8/85	5/20/87	0	11,400
WESTINGHOUSE ELECTRIC CORP.	WCAP-8378/7800	REV 11/7	4/26/80	12/28/80	2	1,412
WESTINGHOUSE ELECTRIC CORP.	WCAP-10297/10298		1/20/82	3/31/83	16,000	33,667
WESTINGHOUSE ELECTRIC CORP.	WCAP-10444	ADD 2	4/15/80	11/1/80	0	2,404
WESTINGHOUSE ELECTRIC CORP.	WCAP-10651		6/26/85	5/9/86	43,260	51,126
WESTINGHOUSE ELECTRIC CORP.	WCAP-10924	VOLS 1, 2 AND ADDENDUM	6/25/86	8/29/86	437	117,640
WESTINGHOUSE ELECTRIC CORP.	WCAP-10751		1/13/86	6/20/88	86,712	109,406
WESTINGHOUSE ELECTRIC CORP.	WCAP-10965/10966		1/7/86	6/23/86	35,701	56,181
WESTINGHOUSE ELECTRIC CORP.	WCAP-11596		11/30/87	5/17/88	0	4,464
YANKEE ATOMIC ELECTRIC COMPANY	YDAMP-1-A	REV 15	2/15/84	4/18/84	0	1,274
YANKEE ATOMIC ELECTRIC COMPANY	YDAMP-1-A	REV 16	10/31/85	12/18/85	0	1,166
YANKEE ATOMIC ELECTRIC COMPANY	YDAMP-1-A	REV 17	12/18/86	2/25/87	0	1,272
YANKEE ATOMIC ELECTRIC COMPANY	YDAMP-1A	REV 18	5/88	8/3/88	0	2,597