



Westinghouse
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DCP/NRC1402
NSD-NRC-98-5743
Docket No.: 52-003

July 31, 1998

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: MR. T. R. QUAY

SUBJECT: AP600 COL ITEM RECONCILIATION

Dear Mr. Quay:

The attached table compares the Combined License (COL) Information items identified in the AP600 Design certification application with the COL Action items identified in the AP600 Advance Final Safety Evaluation Report (AFSER) provided to Westinghouse by the Nuclear Regulatory Commission on May 6, 1998. The attached table includes the results of the telephone discussions that have occurred between Westinghouse and the NRC technical staff since the AFSEA was issued, as well as comments received on a draft copy of the table provided to your staff on July 23, 1998.

This submittal closes AFSER confirmatory item 1.8-1, "SSAR Table 1.8-2 'Summary of Combined License Information Items,' must be consistent with the COL items identified throughout this [AFSER] report."

This submittal also closes confirmatory item 1.5-2 "Westinghouse must submit formal documentation to resolve remaining confirmatory items," since the submittal of the AP600 design control document submittal (1.5-1) is a post-FDA activity and identification of Tier 2* information (1.5-2) is an NRC action.

Brian A. McIntyre, Manager
Advanced Plant Safety and Licensing

jml

Attachment

cc: J. W. Roe - NRC/NRR/DRPM (w/Attachment)
J. M. Sebrosky - NRC/NRR/DRPM (w/Attachment)
H. A. Sepp - Westinghouse (w/o Attachment)

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Comparison of AP600 COL items between SSAR and FSER
July 31, 1998

SSAR Table 1.8-2 Item No.	SSAR Subsection No.	FSER Item No.
1.1-1	1.1.7	/
2.1-1	2.1.1	2.1-1
2.1-1	2.1.1	2.1.1-1
2.1-1	2.1.1	2.1.2-1
2.1-1	2.1.1	2.1.3-1
2.2-1	2.2.1	2.2-1
2.2-1	2.2.1	2.2.1-1
2.2-1	2.2.1	2.2.2-1
2.2-1	2.2.1	2.2.3-1
2.3-1	2.3.6.1	2.3.1-1
2.3-2	2.3.6.2	2.3.2-1
2.3-3	2.3.6.3	2.3.3-1
2.3-5	2.3.6.5	2.3.5-1
2.3-4	2.3.6.4	2.3.5-2
2.4-1	2.4.1.1	2.4.1-1
2.4-2	2.4.1.2	2.4.2-1
2.4-2	2.4.1.2	2.4.3-1
2.4-2	2.4.1.2	2.4.4-1
2.4-2	2.4.1.2	2.4.5-1
2.4-2	2.4.1.2	2.4.6-1
2.4-3, 2.4-1	2.4.1.3 / 2.4.1.1	2.4.8-1
2.4-3, 2.4-1	2.4.1.3 / 2.4.1.1	2.4.9-1
2.4-2	2.4.1.2	2.4.10-1
2.4-3	2.4.1.3	2.4.11-1
2.4-4	2.4.1.4	2.4.12-1
2.4-5	2.4.1.5	2.4.13-1
2.4-6	2.4.1.6	2.4.14-1
2.5-1	2.5.1	2.5.1-1
2.5-2	2.5.2.1	2.5.2-1
2.5-3	2.5.3	2.5.3-1
2.5-4	2.5.4.6.1	2.5.4.1-1
2.5-2	2.5.2.1	2.5.4.1-2
2.5-5	2.5.4.6.2	2.5.4.2-1
2.5-5	2.5.4.6.2	2.5.4.2-2
2.5-6	2.5.4.6.3	2.5.4.3-1
2.5-6	2.5.4.6.3	2.5.4.3-2
2.5-7	2.5.4.6.4	2.5.4.4-1
2.5-8	2.5.4.6.5	2.5.4.5-1
2.5-9	2.5.4.6.6	2.5.4.6-1
2.5-10	2.5.4.6.7	2.5.4.7-1
2.5-10	2.5.4.6.7	2.5.4.7-2
2.5-11	2.5.4.6.10	2.5.4.10-1
2.5-12	2.5.4.6.11	2.5.4.11-1
2.5-13	2.5.5	2.5.5-1
2.5-14	2.5.6	2.5.6-1
3.3-1	3.3.3	3.3.2.2-1
3.4-1	3.4.3	/
2.4-2	2.4.1.2	3.4.2-1

SSAR Table 1.8-2 Item No.	SSAR Subsection No.	FSER Item No.
3.4-1	3.4.3	3.4.2-2
3.5-1	3.5.4	/
10.2-1	10.2.6	3.5.1.3-1
10.2-1	10.2.6	3.5.1.3-2
10.2-1	10.2.6	3.5.1.3-3
10.2-1	10.2.6	3.5.1.3-4
3.6-1	3.6.4.1	/
3.6-2	3.6.4.2	3.6.3.4-1
3.7-1	3.7.5.1	3.7.2.13-1
3.7-2	3.7.5.2	3.7.4-1
3.7-2	3.7.5.2	3.7.4-2
3.7-3	3.7.5.3	/
3.7-4	3.7.5.4	/
3.8-1	3.8.6.1	3.8.2-1
3.8-2	3.8.6.2	3.8.4.4-1
3.8-3	3.8.6.3	/
3.9-1	3.9.8.1	/
3.9-2	3.9.8.2	3.9.3.1-1
3.9-3	3.9.8.3	/
3.9-4	3.9.8.4	3.9.6.2-1
3.9-5	3.9.8.5	/
3.9-6	3.9.8.6	3.12.4.3-1
3.10-1	3.10.6	3.10-1
3.11-1	3.11.5	/
4.2-1	4.2.5	4.2.8-1
4.3-1	4.3.4	4.2.8-1
4.3-2	4.3.4	/
4.4-1	4.4.7	4.2.8-1
5.2-1	5.2.6.1	5.2.1.1-1
5.2-1	5.2.6.1	5.2.1.1-2
5.2-2	5.2.6.2	5.2.4-1
5.2-1	5.2.6.1	5.2.4-2
5.3-1	5.3.6.1	5.3.3-1
5.3-2	5.3.6.2	5.3.2-1
5.3-3	5.3.6.3	5.3.3-2
5.3-3	5.3.6.3	5.3.5-1
5.3-4	5.3.6.4	In ITAAC
14.4-2	14.4.2	5.4.1.1-1
5.4-1	5.4.15	5.4.2.1-1
6.1-1	6.1.3.1	6.1.1-1
6.1-2	6.1.3.2	6.1.2-1
6.2-1	6.2.6	6.2.6-1
6.3-1	6.3.8.1	6.2.1.8-1
6.4-2	6.4.7	6.4-1
6.4-3	6.4.7	6.4-2
6.6-1	6.6.9.1	6.6-1
10.1-1	10.1.3	6.6-2
6.6-1	6.6.9.1	6.6-3
6.6-2	6.6.9.2	6.6-4
7.1-1	7.1.6	7.2.7-1
8.2-2	8.2.5	8.2.3.1-1
8.2-2	8.2.5	8.2.3.2-1

SSAR Table 1.8-2 Item No.	SSAR Subsection No.	FSER Item No.
8.2-2	8.2.5	8.2.3.3-1
8.2-1	8.2.5	8.2.3.4-1
8.2-1	8.2.5	8.2.3.5-1
8.3-1	8.3.3	8.2.5.2-1
8.3-2	8.3.3	8.3.2.1-1
8.3-2	8.3.3	8.3.2.1-3
8.3-2	8.3.3	8.3.2.1-4
8.3-2	8.3.3	8.4.1-1
8.3-2	8.3.3	8.3.1.2-1
9.1-1	9.1.6	/
9.1-2	9.1.6	/
9.1-3	9.1.6	/
9.1-4	9.1.6	/
9.1-5	9.1.6	/
9.1-6	9.1.6	/
9.3-1	9.3.7	/
9.4-1	9.4.12	/
9.5-1	9.5.1.8	9.5.1-1(a)
9.5-2	9.5.1.8	9.5.1.2
9.5-3	9.5.1.8	/
9.5-4	9.5.1.8	9.5.1-3
9.5-5	9.5.1.8	/
9.5-6	9.5.2.5.1	/
9.5-7	9.5.2.5.2	9.5.2-1
9.5-8	9.5.2.5.3	9.5.2-1
9.5-9	9.5.4.7	/
9.5-10	9.5.4.7	/
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(b)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(c)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(d)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(e)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(f)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(g)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(h)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(i)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(j)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(k)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(l)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(m)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(n)
9.5-1	9.5.1.8, part of Table 9.5.1-1	9.5.1-1(o)
10.1-1	10.1.3	10.3-1
10.2-1	10.2.6	10.2.9-1
10.2-1	10.2.6	10.2.9-2
10.4-1	10.4.12-1	10.4-1
10.4-2	10.4.12-2	/
10.4-3	10.4.12-3	/
11.2-1	11.2.5.1	11.2-4
11.2-2	11.2.5.2	11.1-1
11.2-3	11.2.5.3	11.2-1
11.2-4	11.2.5.4	11.2-2
11.5-1	11.5.7	11.2-3

SSAR Table 1.8-2 Item No.	SSAR Subsection No.	FSER Item No.
11.3-1	11.3.5.1	/
11.3-2	11.3.5.2	/
11.5-1	11.5.7	11.3-1
17.5-2	17.5	11.3-2
11.4-1	11.4.6	11.4-1
17.5-2	17.5	11.4-2
11.4-1	11.4.6	11.4-3
11.5-1	11.5.7	11.5-1
11.5-2	11.5.7	/
11.5-3	11.5.7	/
12.1-1	12.1.3	12.2.1-1
12.2-1	12.2.3	12.3.1-1
12.1-1	12.1.3	12.2.3-1
12.3-1	12.3.5	12.4.2-1
12.3-1	12.3.5	12.4.2-2
12.3-2	12.3.5	12.4.4-1
12.5-1	12.5.5	12.6-1
13.1-1	13.1.1	13.1-1
13.2-1	13.2.1	13.2-1
13.3-1	13.3.1	13.3-1
13.3-2	13.3.1	13.3-2
13.3-3	13.3.1	13.3-3
13.4-1	13.4.1	13.4-1
13.5-1	13.5.1	13.5.1.1
13.5-1	13.5.1	13.5.2-1
13.6-3	13.6.13.3	13.6.1-1
13.6-1	13.6.13.1	13.6.2-1
13.6-1	13.6.13.1	13.6.4-1
13.6-1	13.6.13.1	13.6.10-1
13.6-1	13.6.13.1	13.6.12-1
13.6-1	13.6.13.1	13.6.13-1
13.6-3	13.6.13.3	13.6.6-1
13.6-3	13.6.13.3	13.6.11-1
13.6-2	13.6.13.2	13.6.13.2-1
13.6-3	13.6.13.3	13.6.13.3-1
14.4-1	14.4.1	14.2.2-1
14.4-2	14.4.2	14.2.3-1
14.4-2	14.4.2	14.2.3-2
14.4-3	14.4.3	14.2.3.1-1
14.4-4	14.4.4	14.2.3.2-1
14.4-6	14.4.6	14.2.5-1
2.3-4	2.3.6.4	15.3.4-1
16.1-1	16.1	16.2-1
16.3-1	16.3.2	22.5.4.3-1
17.5-1	17.5	17.1-1
17.5-4	17.5	17.2-1
17.5-3	17.4.7.3	17.4.1-1
17.5-3	17.5	17.4.2-1
17.5-3	17.4.6	17.4.5-1
17.5-3	17.5, 17.4.7.3	17.4.7.3-1
17.5-7	17.5	17.4.9-1
17.5-5, 6, 7, 8	17.5	17.4.9-2

SSAR Table 1.8-2 Item No.	SSAR Subsection No.	FSER Item No.
17.5-2	17.5	/
17.5-5	17.5	/
17.5-6	17.5	/
17.5-8	17.5	/
18.2-1	18.2.6	18.2-1
18.2-2	18.2.6	18.2-2
18.3-1	18.3.1	/
18.5-1	18.5.4	18.5-2
18.5-1	18.5.4	18.5-3
18.5-2	18.5.4	18.5-1
18.6-1	18.6.1	18.6-1
18.7-1	18.7.1	18.7-1
18.8-1	18.8.5	18.8-1
18.9-1	18.9.1	18.9-1
18.9-1	18.9.1	18.9-2
18.10-1	18.10.1	18.10-1
18.11-1	18.11.1	18.11-1
PRA 59.10-3, 6	PRA 59.10.6, PRA Table 59-29 item 45	19.1.1-1
17.5-3, 5	17.5, PRA Table 59-29 item 44	19.1.3.1-1
18.7-1	18.7.1, PRA Table 59-29 item 11	19.1.3.1-2
18.7-1	18.7.1	19.1.3.1-3
PRA 59.10-6	PRA 59.10.6, PRA Table 59-29 item 45	19.1.5-1
PRA 59.10-2	PRA 59.10.6	19.1.5-2
PRA 59.10-4	PRA 59.10.6, PRA Table 59-29 item 45	19.1.5-3
PRA 59.10-4	PRA 59.10.6, PRA Table 59-29 item 45	19.1.5-4
9.5-3	9.5.1.8, Table 9.5.1-1, PRA Table 59-29 item 14	19.1.8-1
9.5-3	9.5.1.8, Table 9.5.1-1, PRA Table 59-29 item 14	19.1.8-2
13.5-1	13.5.1, PRA Table 59-29 item 47	19.1.8-3
9.5-3	9.5.1.8, PRA Table 59-29 item 48	19.1.8-4
13.2-1, 13.5-1	13.2.1, 13.5.1, PRA Table 59-29 item 65	19.1.8-5
13.5-1	13.5.1, PRA Table 59-29 item 72	19.1.8-6
13.2-1, 13.5-1	13.2.1, 13.5.1, PRA Table 59-29 item 62	19.1.8-7
6.3-1	6.3.8.1, PRA Table 59-29 item 72	19.1.8-8
13.5-1	13.5.1, PRA Table 59-29 item 75	19.1.8-9
13.5-1	13.5.1, PRA Table 59-29 item 67	19.1.8-10
18.7-1	18.7.1	19.1.8-11
13.5-1	13.5.1,	19.1.8-12

SSAR Table 1.8-2 Item No.	SSAR Subsection No.	FSER Item No.
	PRA Table 59-2 item 71	
5.3-4	5.3.6.4	19.2.3-1
13.5-1, PRA 59.10-5	13.5.1, PRA 59.10.6	19.2.5-1
13.5-1	13.5.1	19.3-1
PRA 59.10-1	PRA 59.10.6	19A.2.5-1
PRA 59.10-7	PRA 59.10.6	19.2.3.3.7-1
1.9-44	Issue A-40	20.2-1
1.9-73	Issue 142	20.3-1
1.9-131	Issue I.A.1.4	20.4-1
1.9-131	Issue I.A.2.6(1)	20.4-2
1.9-132	Issue I.A.4.1(2) & I.A.4.2	20.4-3
1.9-134	Issue I.C.5	20.4-4
1.9-134	Issue I.C.9	20.4-5
1.9-135	Issue I.D.3	20.4-6
1.9-136	Issue I.F.2	20.4-7
1.9-140	Issue II.F.2	20.4-8
1.9-142	Issue II.J.3.1	20.4-9
1.9-142	Issue II.J.4.1	20.4-10
1.9-144	Issue II.K.1(26)	20.4-11
1.9-151	Issue III.A.3.3	20.4-12
WCAP - 13559	Bulletin 80-06	20.7-1
WCAP - 13559	Bulletin 80-15	20.7-2
WCAP - 13559	Bulletins 80-16 ...	20.7-3
WCAP - 13559	Bulletin 89-03	20.7-4
WCAP - 13559	Generic Letter 81-38	20.7-5
WCAP - 13559	Generic Letter 81-39	20.7-6
WCAP - 13559	Generic Letter 89-07	20.7-8
WCAP - 13559	Generic Letters 89-15 & 93-01	20.7-9