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December 5, 1990

POLICY ISSUE

SECY-90-397

For:

The Commissioners (Information)

From:

James M. Taylor

Executive Director for Operations

Subject:

IMPLEMENTATION OF THE TMI ACTION PLAN

Purpose:

To inform the Commission of the status of implementation of TMI Action Plan requirements.

Discussion:

The enclosed information provides the implementation status of the TMI Action Plan and highlights progress made since the Commission paper of October 4, 1990, on this subject. Enclosure 1 presents the overall status and progress achieved to date. Enclosure 2 presents estimated implementation timeframes for the remaining open items. Enclosures 3 and 4 provide the number of open items by major area and by plant, respectively. Enclosure 5 provides a list of items currently open, and items completed since the June 1989 report.

About 99 percent of the TMI Action Plan requirements have been implemented at the 114 currently licensed facilities. Of 19,608 possible TMI Action Plan items, 13,863 were found applicable when reviewed against each specific licensed reactor. Of the currently applicable items, 13,683 have been implemented and 180 remain to be implemented. The number of open items has been reduced by 18 from the 198 identified in the last report to the Commission dated October 4, 1990, (SECY-90-344).

About 57 percent of the remaining 180 open items are projected to be implemented by the end of calendar year 1991. As noted in previous status reports to the Commission, there have been some slippages in projected implementation dates. Delays in the restart of Browns Ferry Units 1, 2 and 3 along with the rescheduling of refueling outages at other units account for a large number of the slippages in the implementation of remaining TMI items. Although slippages in dates have occurred, all schedule changes for implementation of TMI Action Plan items remain within the timeframe stated in the June 1989 report.

Contact: L. Barnett, NRR 492-1105

Note: 90121202217A

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From an issue perspective, two major areas account for about two-thirds of the 180 remaining items: detailed control room design review (64 items), and plant SPDS (47 items).

From a plant perspective, the TMI Action Plan has been fully implemented or closed at 28 of the 114 licensed facilities. Six plants account for about one-third of the 180 remaining items: Browns Ferry 1, 2 and 3 (49 items), Salem 1 and 2 (6 items), and San Onofre 1 (6 items). The remaining 80 licensed facilities have one to four items each that have not been implemented.

Summary:

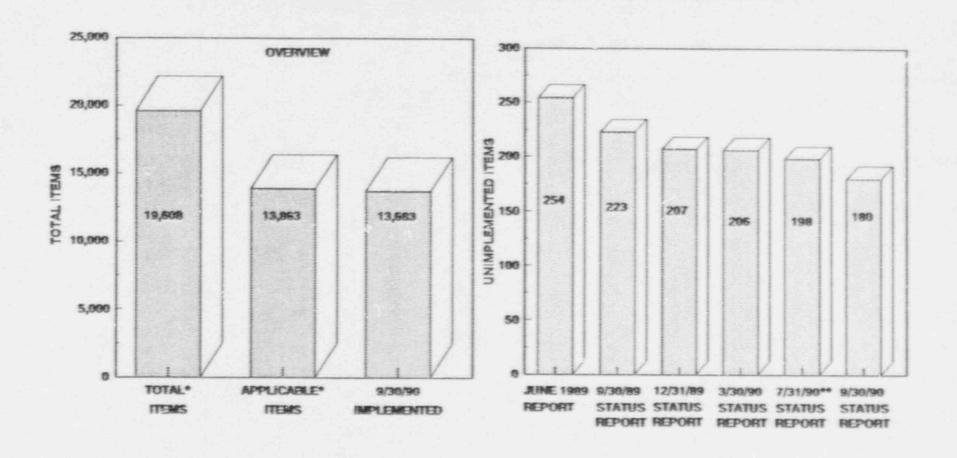
About 99 percent of the TMI Action Plan requirements have been implemented at licensed plants. The staff will continue to keep the Commission informed of the implementation status of the 180 items that remain open.

James M. Taylor Executive Director for Operations

Enclosures: As Stated

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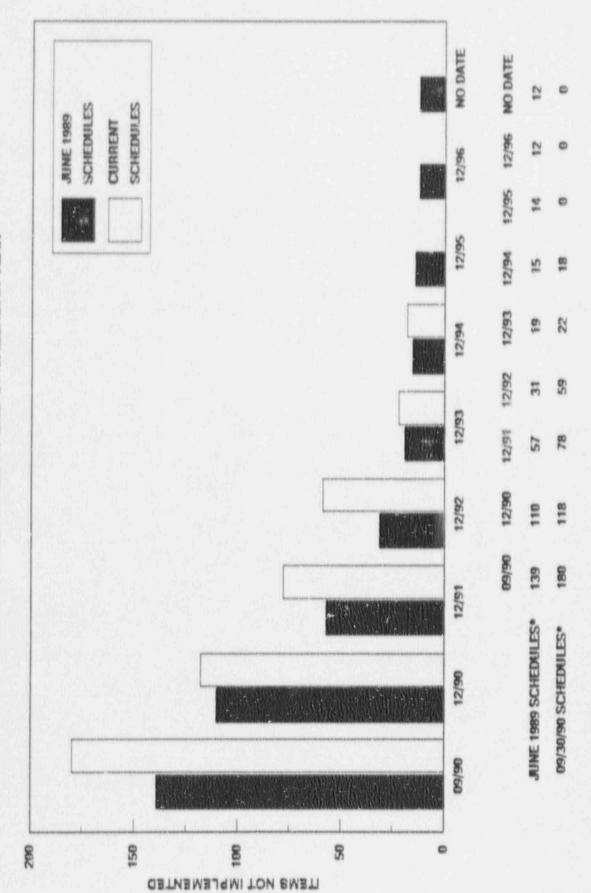
TMI ACTION PLAN REQUIREMENTS IMPLEMENTATION STATUS AT LICENSED REACTORS



"Number of total and applicable items increased since the June 1989 Report due to the addition of Limerick Unit 2 and Commodie Peak Unit 1 as licensed reactors.

^{**}Includes SPDS reopened at 18 plants

PROJECTED SCHEDULES FOR 180 REMAINING ITEMS ITEMS NOT IMPLEMENTED AT END OF CALENDAR YEAR



* Based on dates of Items listed as not implemented.

ENCLOSURE 2

SUMMARY OF THE 180 REMAINING ITEMS BY AREA

AREA	OPEN
o Plant SPDS Console	47
o Post-Accident Sampling	7
o Relief & Safety Valve Test Report	6
o Containment Isolation Dependability	5
o Accident Monitoring	14
o Instrumentation for Detection of Inadequate Core Cooling	11
o B&O Task Force Issues	12
o Control Room Habitability	4
o Technical Specifications - NUREG-0737	10
o Detailed Control Room Design Review	64
TOTAL	180

SUMMARY OF THE 180 REMAINING ITEMS BY PLANT

PLANT	OPEN	PLANT	OPEN	PLANT	OPEN
Arkansas 1	1	Grand Gulf 1	2	Prairie Island 1	1
Arkansas 2	1	Haddam Neck	3	Prairie Island 2	1
Beaver Valley 1	1	Hatch 1	1	Quad Cities 1	1
Beaver Valley 2	2	Hatch 2	1	Quad Cities 2	1
Big Rock Pt	3	Indian Pt 2	1	Robinson	4
Braidwood 1	3	Kewaunee	2	Salem 1	3
Bradwood 2		LaSalle 1	1	Salem 2	3
	1	LaSalle 2	1	San Onofre 1	6
Browns Ferry 1	16	McGuire 1	2	San Onofre 2	2
Browns Ferry 2	13	McGuire 2	2	San Onofre 3	2
Browns Ferry 3	20	Millstone 1	2	Seabrook 1	1
Brunswick 1	2	Millstone 2	1	Sequoyah 1	2
Brunswick 2	2	Nine Mile Pt 1	2	Sequoyah 2	2
Byron 2	1	Nine Mile Pt 2	2	St. Lucie 1	1
Calvert Cliffs 1	1	North Anna 1	2	St. Lucie 2	1
Calvert Cliffs 2	1	North Anna 2	2	Surry 1	2
Comanche Peak 1	1	Oconee 1	1	Surry 2	2
Cooper	2	Oconee 2		Trojan	1
Crystal River	2	Oconee 3		Turkey Pt 3	2
DC Cook 1	1	Oyster Creek 1	1	Turkey Pt 4	2
DC Cook 2	1	Palisades	1	Vermont Yankee	
Davis-Besse	1		1	Target and the second	
Diablo Canyon 1	2	Palo Verde 1	1	Vogtle 1	
Diablo Canyon 2	2	Falo Verde 2	1	Vogtle 2	1
Dresden 2		Palo Verde 3	1	WNP 2	1
Dresden 3 Duane Amold		Peach Bottom 2	1	Zion 1	2
		Peach Bottom 3	1	Zion 2	2
Farley 1	3	Perry 1	1		
Farley 2	1	Pilgrim	1		
Fermi 2		Point Beach 1	2		
Ft Calhoun		Point Beach 2	2		ENCLOSURE 4

UNIMPLEMENTED THI IBBUE SCHEDULE EVALUATION

PLANT NAME	IBSUE NUMBER	TITLE/DESCRIPTION	5-19-89	NEW	
			STATUS	DATE	
APLANCES 1	MED-ENT!	DETAILED CONTROL ROOM REVIEW	01/51/01	AL (8), (8)	
TO THIS OF A		FOLLOWUP TO MPA-FOOR	V#1 V#174	VE SVITE	
ARKANSAS 2	MFA-F071	DETAILED CONTROL ROOM REVIEW	08/30/92		
		FOLLOWUP TO MPA-FOOB			
BEAVER VALLEY	1 1.1.2.3	PLANT SPDS COMSOLE FULLY	1.7	12/31/91	Note 1(d
APAULT HALLES	W. A. F. A. T.	IMPLEMENTED			
BERVER VALLET	MFA-F0/1	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MARA-FOOD	11/30/89	COMPLETED	
REAVER VALLEY	2 1.0.2.3		05/71/00	15/51/61	
ELITER THEELY		IMPLEMENTED	V9/91/07	12/01/71	
BEAVER VALLEY	2 MPA-F071	DETAILED CONTROL ROOM REVIEW	09/30/90	12/31/90	
		FOLLOWUP TO MPA-FOOD	********	**- *** 17	
BIB ROCK POINT		PLANT SPDS CONSOLE INSTALLED	10/30/90	11/01/90	
		PLANT SPDS CONSOLE FULLY			
		IMPLEMENTED			
BIG ROCK POINT		DETAILED CONTROL ROOM REVIEW	12/31/92		
		FOLLOWUP TO MFA-FOOB			
BRAIDWOOD 1	1.0.2.3	PLANT SPDS CONSOLE FULLY	12/30/B9	COMPLETED	
BRAIDWOOD 1		IMPLEMENTED	69 194 (8)		
DUNITAMOOD 1	MLH-LA/T	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	62126147		
BRAIDWOOD 2	1.0.2.3	PLANT SPDS CONSOLE FULLY	63/30/96	DOME ETEN	
		IMPLEMENTED	*********	EDITC EE TER	
BRAIDWOOD 2	MPA-F071	DETAILED CONTROL ROOM REVIEW	08/31/91		
		FOLLOWUP TO MPA-FOOR			
BROWNS FERRY 1	1.0.2.1	PLANT SPDS CONSOLE DESCRIPTION	12/31/92	COMPLETED	
BROWNS FERRY 1	1.0.2.2	PLANT SPDS CONSOLE INSTALLED	12/31/92	06/30/95	
BROWNS FERRY 1		PLANT SPDS CONSOLE FULLY	12/31/92	06/30/95	
DOOLUG FERRY	11.6.7.7	IMPLEMENTED	10101.00		
BRUNNS FERRY 1	11.8.3.3	PAS-PROCEDURES PAS-PLANT MODS (LL CAT B)	12/31/92	04/30/45	
BROWNS FERRY 1	11 5 4 2 1-4		12/31/92		
MILLIAMES FERRIT 4	1116141411	DEPENDABILITY-IMPLEMENT	141.011.45	VOIDVITO	
		DIVERSE ISOL			
BROWNS FERRY 1	11.F.1.1	ACCIDENT MONITORING-PROCEDURES	06/30/91	06/30/95	
BROWNS FERRY 1	11.F.1.2.A	ACCIDENT MONITORING-NOBLE BAS	12/31/92	06/30/95	
		MONITOR			
BROWNS FERRY 1	11.F.1.2.B		12/31/92	06/30/95	
		MONITORING-IODINE PARTICULATE			
		SAMPLING PARTIES			
BRUNNS FERRY I	11.F.1.2.C		12/31/92	06/30/42	
BOOMNS PEDOV 1	11.F.1.2.D	HIGH RANGE MONITOR ACCIDENT	10/81/00	COMPLETED	
PUDANO LEVIL I	1111111111	MONITORING-CONTAINMENT PRESS	12/01/72	COMPLETED	
BROWNS FERRY 1	11.5.1.2.5	ACCIDENT MONITORING-CONTAIN H2	12/31/92	COMPLETED	
		INST FOR DETECT OF INAD CORE			
		COOLING-INSTALL ADD L INST			
BROWNS FERRY 1	11.k.3.13.B	BAD TASK FORCE-HPCI & RCIC SYS	12/31/92	06/30/95	
		INIT LEVEL - MODS			
BROWNS FERRY 1	11.K.3.18.C	BED TASK FORCE-ADS MODS	12/31/92	06/30/95	

UNIMPLEM N'ED THI ISSUE SCHEDULE EVALUATION

FLANT	NAME		ISSUE NUMBER	TITLE/DESCRIPTION	5-19-89 STATUS	
BROWN	FERRY	1	11-1-3-27	BAD TASK FORCE-COMMON	15/31/92	06/30/95
				REFERENCE LEVEL TOR BURS	*******	WAL 52-25
BROWN	FERRY	1	11.K.3.28		12/31/92	06/30/95
				ACCUMULATORS		44.44.15
BROWN	FERRY	1	MPA-B(93	TS COVERED BY BL B3-36 & B3-37 (NURES 0737)	12/31/92	06/30/95
BROWN!	FERRY	1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUR TO MPA-FOOR	12/01/92	06/30/95
BROWNS	FERRY	2	1.0.2.1	PLANT SPDS CONSOLE DESCRIPTION	06/30/91	COMPLETED
BROWNS	FERRY	2	1.0.2.2			04/30/93
BROWNS	FERRY	2	1.0.2.3	PLANT SPDS CONSOLE FULLY		
				IMPLEMENTED		
BROWNS	FERRY	2	11.8.3.3	PAS-PROCEDURES	06/30/91	12/31/90
BROWNS	FERRY	2	11.8.3.4	PAS-PLANT MODS (LL CAT B)		
BROWNS	FERRY	2	11.E.4.2.1-4	CONTAIN ISOL	12/31/89	12/31/90
				DEPENDABILITY-IMPLEMENT DIVERSE ISOL		
BROWNS	FERRY	2	11.F.1.1	ACCIDENT MONITORING-PROCEDURES	12/31/89	12/31/90
BROWNS	FERRY	2	11.F.1.2.A	ACCIDENT MONITORING-NOBLE GAS MONITOR	12/31/89	12/31/90
BROWNS	FERRY	2	11.F.1.2.B	ACCIDENT	12/31/89	12/31/90
				MONITORING-IDDIME / PARTICULATE SAMPLING		
BROWNS	FERRY	2	11.F.1.2.0	ACCIDENT MONITORING-CONTAIN HIGH RANGE MONITOR	12/31/89	COMPLETED
BROWNS	FERRY	2	11.F.1.2.D	ACCIDENT MONITORING-CONTAINMENT PRESS	12/31/69	12/31/90
BROWNS	FERRY	2	11.F.1.2.F	ACCIDENT MONITORING-CONTAIN H2	12/31/89	COMPLETED
BROWNS	FERRY	2	11.K.3.13.B	BAO TASK FORCE-HPC1 & RC1C SYS INIT LEVEL - MDDS	12/31/89	COMPLETED
BROWNS	FERRY	2	11.K.3.18.C	BAO TASK FORCE-ADS MODS	12/31/89	12/31/90
BROWNS	FERRY	2	11.K.3.27		06/30/91	12/31/90
BROWNE	PERRY		7.1 × 7.50	REFERENCE LEVEL FOR BWRS		
			11.K.3.28	ACCUMULATORS		12/31/90
			MPA-F071	FOLLONUP TO MPA-FOOB	12/31/89	
				PLANT SPDS CONSOLE DESCRIPTION		
				PLANT SPDS CONSOLE INSTALLED		
BROWNS				IMPLEMENTED	06/30/91	
				PAS-CORRECTIVE ACTIONS		
					06/30/91	
					06/30/91	
BROWNS	FERRY	2	11.E.4.2.1-4	CONTAIN ISOL DEPENDABILITY-IMPLEMENT DIVERSE ISOL	06/30/91	06/30/93
BROWNS	FERRY	3	11.6.4.2.6	CONTAIN ISOL DEPENDABILITY-CONTAIN PURGE	06/30/91	06/30/93
				VALVES		

UNDEFLEMENTED THE SESSE SCHEDULE EVALUATION

PLANT NAME	ISSUE NUMBER	TITLE/DESCRIPTION	5-19-89 STATUS			
BROWNS FERRY 3	11,8,1,1	ACCIDENT MONITORING-PROCEDURES	06/30/91	06/30/93		
BROWNS FERRY D	11.F.1.2.A	ACCIDENT MONITORING-NOBLE BAS MONITOR				
BROWNS FERRY 3	11.F.1.2.B	ACCIDENT MONITORING-IDDINE/PARTICULATE SAMPLING	06/30/91	06/30/93		
BROWNS FERRY 3	11.5.1.2.0	ACCIDENT MONITORING-CONTAIN HIGH RANGE MONITOR	06/30/91	06/30/93		
BROWNS FERRY 3	11.4.1.2.0	ACCIDENT MONITORING-CONTAINMENT PRESS	06/30/91	06/30/93		
BROWNS FERRY 3	11.F.1.2.E	ACCIDENT MONITORING-CONTAIN MATER LEVEL	06/30/91	06/30/93		
BROWNS FERRY 3	11.F.1.2.F	ACCIDENT MONITORING-CONTAIN H2	06/30/91	COMPLETED		
BROWNS FERRY 3	11, F, 2, 4	INST FOR DETECT OF INAD CORE	06/30/91	06/30/93		
******		COOLING-INSTALL ADD'L INST				
		BAD TASK FORCE-HPC1 & RC1C SYS INIT LEVEL - MODS				
		BAD TASK FORCE-ADS MODS	06/30/91	06/30/93		
	11.1.3.27	BAD TASK FORCE-COMMON REFERENCE LEVEL FOR BWRS	06/30/91	06/30/93		
BROWNS FERRY 3		B&O TASK FORCE-QUAL OF ADS ACCUMULATORS	06/30/91	06/30/43		
BROWNS FERRY 3	MPA-8083	TS COVERED BY GL 83-36 & 83-37 (NURES 0737)	06/30/91	06/30/93		
BROWNS FERRY 3	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUF TO MPA-FOOB	06/30/91	06/30/93		
BRUNSWICK 1	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1.1	12/31/90	Note	1(d)
	MPA-F071	POLLOWUP TO MPA-FOOR	A Paris Contract			
BRUNSWICK 2	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1:1	12/31/90	Note	1(d)
BRUNSWICK 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	05/30/92	07/31/91		
BYRON 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	01/31/90	COMPLETED		
BYRON 2	MFA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	09/30/90	12/31/90		
CALVERT CLIFFS 1	MPA-8083	TS COVERED BY 6L 83-36 & 83-37 (NURE6 0737)	08/30/89	COMPLEYED		
CALVERT CLIFFS 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	07/01/91	12/30/91		
CALVERT CLIFFS 2	MPA-8083	TS COVERED BY 6L 83-36 & 83-37 (NURES 0737)	08/30/89	COMPLETED		
CALVERT CLIFFS 2	MPA-F071		07/01/91	12/30/92		
CATAMBA 1	1.0.2.3		12/08/89	COMPLETED		
CATAWBA 2	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	12/08/89	COMPLETED		

UNIMPLEMENTED THE ESSUE SCHEDULE EVALUATION

PLANT NAME	ISSUE NUMBER	TITLE/DESCRIFTION	5-19-89 STATUS			
COMANCHE PEA	0.1 14.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1.1	11/30/91	Note	1(c)
COMANCHE PEA	NF4-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	1.1.	COMPLETED	Note	1(b)
COOPER		SHIFT TECHNICAL ADVISOR				
COUPER	1.1.2.3	PLANT SPUS CONSOLE FULLY IMPLEMENTED	t t'	12/31/91	Note	1(d)
COOPER		DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	12/31/91	12/21/91		
CRYSTAL RIVE	R 1.0.2.5	PLANT SPDS CONSOLE FULLY IMPLEMENTED	12/31/89	COMPLETED		
CRYSTAL RIVE		RELIEF & SAFETY VALVE TEST REG-PLANT SPECIFIC REPORT	03/30/90			
CRYSTAL RIVE	IR 11.6.4.2.6	CONTAIN ISOL DEPENDABILITY-CONTAIN PURSE	06/01/89	COMPLETED		
CRYSTAL RIVE		VALVES CONTROL ROOM HABITABILITY-IMPLEMENT MODS	03/30/90	12/31/90		
DRYSTAL RIVE	ER MPA-BOB3		06/30/89	COMPLETED		
D. C. COOK	1.0.2.3		11/30/90	COMPLETED		
D. C. COOK	1 MPA-BOB3	TS COVERED BY BL 83-36 & 83-37 (NURES 0737)	09/20/8	P COMPLETED		
D. C. COOK	1 MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	12/31/9			
D. C. COOF	2 1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	08/31/9	COMPLETED		
D. C. COOK	2 MPA-BOB3		06/20/8	9 COMPLETED		
D. C. CODK	2 MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	12/31/9	0		
DAVIS-BESSE	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	$\mathcal{A}_{+}\mathcal{F}_{-}$	12/01/90	Note	1(d)
DAVIS-BESSE	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	06/30/9	O COMPLETED		
DIABLO CANY	ON 1 1.D.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED		12/31/90	Note	1(d)
DIABLD CANY	ON 1 MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	03/31/9	1		
DIABLD CAMY	ON 2 1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1.7	12/31/90	Note	1(d)
DIABLD CANY	ON 2 MFA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	10/31/9	1		
DRESDEN 2	11.F.2.4	INST FOR DETECT OF INAD CORE COOLING-INSTALL ADD'L INST	12/31/9	0		
DRESDEN 2	MPA-F071	SETAILES COMPROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	12/31/9	O COMPLETED		
DRESDEN 3	11.F.2.4	INST FOR DETECT OF INAD CORE COOLING-INSTALL ADD'L INST	06/30/9	1		
		AND THE THE THE STIME				

UNIMPLEMENTED THE ISSUE SCHEDULE EVALUATION

FLAN NAME	ISSUE NUMBER	TITLE/DEBCRIPTION			
			STATUS	DATE	
MARCARE A	W. J. 7071	BETALL FR CAUTEN DAME BELLEN		ADDL CALL	
DRESUEN J	WE BAR DET	DETAILED CONTROL ROOM REVIEW	65/21/40	COMPLETED	
DUANE ARNOLD	MDA DADY	FOLLOWUP TO MPA-FOOR	AD /31 /00	POWE PARK	
DURNE HENULD	nre-poet		08/21/84	COMPLETED	
DUANE ARNOLD	MPA_EA71	(NUREG 0737) DETAILED CONTROL ROOM REVIEW	66 171 185	11750 (80	
DONAL MUNDED	DER-LAIT	FOLLOWUP TO MPA-FOOR	65/61/40	11/20/46	
FARLEY 1	1.0.2.2	PLANT SPDS CONSOLE FULLY		61 /21 /62	
THELE !	L. P. C. C	IMPLEMENTED	1 1	01/01/40	Note 1(d)
FARLEY 1	11.D.1.2.B		61/51/61		
LAUFEL 3	11:0:1:2:0	RED-PLANT SPECIFIC REPORT	00/21/41		
FARLEY 1	MPA-F071	DETAILED CONTROL ROOM REVIEW	AL /51 /01		
7 10 A 1 A	III H T V V V	FOLLOWUP TO MPA-FOOR	00/21/-1		
FARLEY 2	1.0.2.3		, ,	A1 (T1) 07	Note 1(d)
EROALI A	1161410	IMPLEMENTED		01/31/13	11000 1107
FARLEY 2	11 D.1.1.B		10/01/00		
THURST &	** *****	REG-PLANT SPECIFIC REPORT	14/64/70		
FARLEY 2	MPA-F071		15/51/06		
	10 11 11 11	FOLLOWUP TO MPA-FOOR	46/64/70		
FERM1 2	11.F.1.2.B		12/0-/80	COMPLETED	
		MUNITURING-10DINE/PARTICULATE	******	CONFEETED	
		SAMPLING			
FERMI 2	11.4.3.18.0	PAD TASK FORCE-ADS MODS	12/01/89	COMPLETED	
FERMI 2	111.0.3.4.3			9 COMPLETED	
		HABITABILITY-IMPLEMENT MODS	*****		
FERMI 2	MPA-F071	DETAILED CONTROL ROOM REVIEW	06/30/9		
		FOLLOWUP TO MPA-FOOR			
FITZPATFICK	MPA-B072	NURES 6/37 TS (COVERED BY SL	05/31/B	9 COMPLETED	
		82-16 AND 83-02)			
FITZPATRICK	MPA-8093	TS COVERED BY BL 83-36 & 83-37	7 05/31/8	9 COMPLETED	
		(NURE6 0737)			
FITZPATRICK	MPA-F071	DETAILED CONTROL ROOM REVIEW	06/30/9	O COMPLETED	
		FOLLDWUP TO MPA-FOOR			
FT. CALLIDUN	1.0.2.3	PLANT SPDS CONSOLE FULLY	06/30/9	O COMPLETED	
		IMPLEMENTED			
FT. CALHOUN	11.0.1.2.5	RELIEF & SAFETY VALVE TEST	05/30/8	9 COMPLETED	
		REG-PLANT SPECIFIC REPORT			
FT. CALHOUN	11.0.1.3	TILLTEF A SAFETY VALVE TEST	1.1	06/30/91	Note 1(a)
		REG-BLOCK VALVE TESTING			
FT, CALHOUN	MPA-F071	DETAILED CONTROL ROOM REVIEW	06/30/9	O COMPLETED	
		FOLLOWUP TO MPA-FOOB			
FT. ST. VRAIN	I.C.1.2.A	SHOPT TERM ACCIDENT & PROCED	09/30/8	9 COMPLETED	
		REV-INAD CORE COOL-REANAL			
		BUIDE			
FT. ST. VRAIN	I.C.1.2.B	SHURT-TERM ACCIDENT & PROCED		9 COMPLETED	
		REV-INAD CORE COOL-REVISE PRO			
FT. ST. VRAIN	1.C.1.3.A	SHORT-TEPM ACCIDENT & PROCED	09/30/8	9 COMPLETED	
		SEV-TRAN & ACCIDENTS-REANAL			
		BUIDE			
FT. ST. VRAIN	1.0.1.3.8	SHORT-TERM ACCIDENT & PROCED	09/30/8	9 COMPLETED	
		REV-TRANSIENTS & ACC-REVISE			
		PROL			

UNIMPLEMENTED THE ISSUE SCHEDULE EVALUATION

PLANT NAME	ISSUE NUMBER	TITLE/DESCRIPTION	5-19-89 STATUS		
61NNA	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1.4	COMPLETED	
GINNA	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLDWUF TO MPA-FOOB	12/31/89	COMPLETED	
BRANT BULF	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	11:	11/30/90	Note 1(d)
GRAND BULF	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	10/30/90	12/31/90	
HADDAM NECK	11.F.1.2.F	ACCIDENT MONITORING-CONTAIN H2	12/31/90	COMPLETED	
HADDAM NECK	11.K.3.25.B	BAD TASK FORCE-POWER ON PUMP			
meen neer	11101516515	SEALS - MODS		14/41/10	
HADDAM NECK	111.0.3.4.3		1 1	12/31/93	
HADDED BEVE	11115101415	HABITABILITY-IMPLEMENT MODS	1 1	12/01/10	
HADDAN MEET	MDA COST		10/71/08		
HADDAM NECT	MPA-F071	DETAILED CONTROL ROOM REVIEW	12/01/40		
		FOLLOWUP TO MPA-FOOB			
HATCH 1	MPA-F071	DETAILED CONTROL ROOM REVIEW	12/01/92		
		FOLLOWUP TO MPA-FOOB			
HATCH 2	MPA-F071	DETAILED CONTROL ROOM REVIEW	12/01/92		
		FOLLOWUP TO MPA-FOOR			
INDIAN POINT 2	11.5.2.2	INST FOR DETECT OF INAD CORE	12/31/90	06/30/91	
		COOLING-SUBCOOL METER			
INDIAN POINT 2	11.F.2.4	COOLING-INSTALL ADD'L INST	96/05/89	COMPLETED	
INDIAN POINT 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	06/05/89	COMPLETED	
INDIAN POINT 3	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	05/30/89	COMPLETED	
KEWAUNEE	1.0.2.3	PLANY SPDS CONSOLE FULLY	12/31/89	9 12/31/91	
KEWAUNEE	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	05/31/90	05/31/91	
LASALLE 1	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1-1	06/30/91	Note 1(d)
LASALLE 1	MPA-F071	DETAILED CONTROL ROOM REVIEW	05/30/90	O COMPLETED	
LASALLE 2	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1-1	03/31/92	Note 1(d)
LASALLE 2	MPA-F071		05/30/9	O COMPLETED	
MCBUIRE 1	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	09/30/8	9 11/17/90	
MCGUIRE 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	09/30/8	9 11/17/90	
MCGUIRE 2	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	09/30/8	9 11/17/90	
MCBUIRE 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	09/30/8	9 11/17/90	
MILLSTONE 1	MPA-8083	TS COVERED BY 6L 83-36 & 83-3 (NURES 0737)	7 11/15/8	19 10/30/90	
MILLSTONE 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	1.1	12/31/95	

UNIMPLEMENTED THI ISSUE SCHEDULE EVALUATION

PLANT NAME	ISSUE NUMBER	TITLE/DESCRIPTION	5-19-89 STATUS			
MILLSTONE 2	MFA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	12/31/90			
MILLSTONE 3	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	07/31/89	COMPLETED		
MINE MILE POINT 1	11.E.4.2.8	CONTAIN ISOL DEPENDABILITY-TS	12/31/89	12/30/90		
		DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MFA-FOOB	06/30/93			
MINE MILE POINT 2	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	06/30/90	12/30/90		
NINE MILE POINT 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWIP TO MPA-FOOB	06/30/90	12/30/90		
NORTH ANNA 1	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1.7	12/31/90	Note	1(d)
NORTH ANNA 1	MPA-F071		12/31/94			
NORTH ANNA 2	1.0.2.3		11	12/31/90	Note	1(d)
NORTH ANNA 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOC'S	12/31/94			
DCONEE 1	111.0.3.4.3		09/30/89	COMPLETED		
OCONEE 1	MPA-B083	TS COVERED BY BL 83-36 & 83+37 (NUREB 0737) EDF	09/30/89	COMPLETED		
DCONEE 1	MFA-F065	EDF	05/23/89	COMPLETED		
OCONEE 1	MPA-F071	DETAILED CONTROL ROOM REVIEW	05/31/93			
OCONEE 2	111.0.3.4.3		09/30/89	COMPLETED		
OCONEE 2	MP4-8083	TS COVERED BY 6L 83-36 & 83-37 (NURES 0737)	09/30/89	COMPLETED		
OCONEE 2	MFA-F065	EDF	05/23/89	COMPLETED		
	MFA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR				
DCONEE 3	111.0.3.4.3	CONTROL ROOM HABITABILITY-IMPLEMENT MODS	09/30/89	COMPLETED		
OCONEE 3	MPA-8083	TS COVERED BY BL 83-36 & 83-37 (NURES 0737)	09/30/89	COMPLETED		
DCONLE 3	MPA-F015		05/23/89	COMPLETED		
OCONEE 3	MHA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	11/30/92			
OYSTER CREEK 1	1.0.2.3	PLANT SPCS CONSOLE FULLY	1 1	COMPLETED	Note	1(d)
SYSTER CREEK 1	MPA-BOB3		12/31/89	12/15/90		
DYSTER CREEK 1	MPA-F071		10/31/90	COMPLETED		
PALISADES	I1.D.1.2.B		07/15/89	COMPLETED		
PALISADES	MPA-B083	TS COVERED BY 6L 83-36 & 83-37 (NURES 0737)	12/30/90			

PLANT MAME	185UE NUMBER	TITLE/DESCRIPTION	5-19-89 STATUS	
PALD VERDE 1	1.0.2.3	PLANT SPDS CONSOLE FULLY	10/30/89	10/31/92
PALD VERDE 1	MFA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUF TO MPA-FOOR		COMPLETED
PALO VERDE 1	1.0.2.3	PLANT BPDS CONSOLE FULLY IMPLEMENTED	10/30/89	10/31/92
PALO VERDE 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	1.1	COMPLETED
PALD VERDE 3	1.0.2.3	PLANT SPDS CONSOLE FULLY	10/30/89	10/31/92
PALO VERDE 3	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	1.1	COMPLETED
PEACH BOTTOM 2	1.0.2.2	PLANT SPDS CONSOLE INSTALLED	07/31/90	COMPLETED
PEACH BOTTOM 2		PLANT SPDS CONSOLE FULLY		
remon portion 4	7181410	IMPLEMENTED		
PEACH BOTTOM 2	MPA-8072	NURES 0737 TS (COVERED BY BL B2-16 AND B3-02)	12/31/89	COMPLETED
PEACH BOTTOM 3	1 0 2 2	PLANT SPDS CONSOLE INSTALLED	10/30/89	COMPLETED
PEACH BOTTOM 3	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED		
PEACH BOTTOM 3	MPA-B072	MURES 0737 TS (COVERED BY BL B2-16 AND 83-02)	12/31/89	COMPLETED
PERRY 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	01/30/91	11/30/90
PILGRIM	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	12/31/89	COMPLETED
PILGRIM	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	03/31/91	
POINT BEACH 1	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1.1	07/31/91
POINT BEACH 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR		
POINT BEACH 2		PLANT SPDS CONSOLE FULLY IMPLEMENTED		
POINT BEACH 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	12/31/93	12/31/90
PRAIRIE ISLAND 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO KPA-FOOB	12/31/96	12/31/90
PRAIRIE ISLAND 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	12/31/96	12/31/90
QUAD CITIES 1	11.F.2.4	INST FOR DETECT OF INAD CORE COOLING-INSTALL ADD'L INST	01/31/9)	
QUAD CITIES 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	01/30/9	COMPLETED
	11, F. 2, 4	INST FOR DETECT OF IMAD CORE COOLING-INSTALL ADD'L INST		
		DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB		
RANCHO SECO	II.F.2.4	INST FOR DETECT OF INAD CORE COOLING-INSTALL ADD'L INST	12/31/8	CLOSED

UNIMPLEMENTED THI ISSUE BOREDULE EVALUATION

PLANT NAME	ISSUE NUMBER	TITLE/DESCRIPTION	5-19-89	NEW		
			STATUS	DATE		
RANCHO SECO	111.0.3.4.3	CONTROL ROOM	08/30/89	CLOSED	Note	2
		HABITABILITY-IMPLEMENT MODS				
RANCHO SECO	MPA-F071	DETAILED CONTROL ROOM REVIEW	04/30/91	CLOSED	Note	2
		FOLLOWUP TO MPA-FOOB				
ROBINSON	1.0.2.3	PLANT SPDS CONSOLE FULLY	1.1	12/31/90	Note	1(d)
		IMPLEMENTED				
ROBINSON	111.0.3.4.3	CONTROL ROOM	12/31/90			
		HABITAGILITY-IMPLEMENT MODS				
ROBINSON	MPA-B083	TS COVERED BY 6L 83-36 & 83-37 (NURES 0737)	06/30/89	11/20/90		
ROBINSON		DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	12/31/91			
SALEM 1	1.0.2.3	PLANT SPDS CONSOLE FULLY	03/30/90	COMPLETED		
		IMPLEMENTED				
SALEM !	11.8.3.4	PAS-PLANT MODS (LL CAT B)	03/30/90	COMPLETED		
SALEM 1	11.F.2.2	INST FOR DETECT OF INAD CORE	-1 1	03/31/91		
		COOLING-SUBCOOL METER				
SALEM 1		TS COVERED BY 6L 83-36 & 83-37 (NURES 0737)	09/30/89	03/31/92		
SALEM 1	MPA-F063		10/30/89	COMPLETED		
SALEM 1	MPA-F071	DETAILED CONTROL ROOM REVIEW				
		FOLLOWUP TO MPA-FOOR	*****	********		
SALEM 2	1.0.2.3	PLANT SPDS CONSOLE FULLY	03/01/90	COMPLETED		
		IMPLEMENTED				
SALEM 2		PAS-PLANT MODS (LL CAT B)	03/30/90	COMPLETED		
SALEM 2	11.F.2.2	INST FOR DETECT OF INAD CORE	1-1	10/31/90		
		COOLING-SUBCOOL METER				
SALEM 2	MPA-BOB3	TS COVERED BY BL 83-36 & 83-37	09/30/89	10/31/91		
		(NURES 0737)				
SALEM 2	MPA-F063	TSC	10/30/89	COMPLETED		
		DETAILED CONTROL ROOM REVIEW				
		FOLLOWUP TO MPA-FOOR				
SAN ONOFRE 1	67.4.1	RCP TRIP	09/30/91	COMPLETED		
		PLANT SPDS CONSOLE INSTALLED				
SAN ONOFRE 1	1.0.2.3	PLANT SPDS CONSOLE FULLY	06/30/93	02/09/93		
		IMPLEMENTED				
		INST FOR DETECT OF IMAD CORE COOLING-DESC OTHER				
SAN DNOFRE 1	11.F.2.4	INST FOR DETECT OF INAD CORE COOLING-INSTALL ADD'L INST	09/30/91	02/09/93		
SAN DNOFRE 1	111,0,3,4,3		06/30/93	02/09/93		
		HABITABILITY-IMPLEMENT MODS	44. 44/ 15	4214111		
SAN ONOFRE 1	MPA-F071		04/30/03	02/09/93		
		FOLLOWUP TO MPA-FOOB	40,00,10	A41.611.10		
SAN ONOFRE 2	1.0.2.3		11	01/31/02		
		IMPLEMENTED		44194774		
SAN ONOFRE 2	MPA-F071		12/31/91	59/17/70		
		FOLLOWUP TO MPA-FOOR	*********	VJ/ VI/ TJ		
SAN ONOFRE 3		PLANT SPDS CONSOLE FULLY	1.1	01/31/92		
		THE PROPERTY	1	V41-V41-74		

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UNIMPLEMENTED THE IBSUE SCHEDULE EVALUATION

PLANT NAME	ISSUE NUMBER	THE RESIDENCE OF THE PARTY OF T	5-19-89 STATUS	2222		
SAN ONOFRE 3	MFA-F071	DETAILED CONTROL ROOM REVIEW FOLLDWUP TO MPA-FOOB				
SEABROOK 1	1.0.2.3	"LANT SPDS CONSOLE FULLY IMPLEMENTED	02/15/91			
SEABROOK 1	111.4.2.1	UPGRADE PREPAREDNESS-UPGRADE EMERGENCY PLANS TO APPENDIX E 10CFR50	09/30/89	COMPLETED		
SEABROOK 1	111.0.3.4.3		09/30/89	COMPLETED		
SEDUCYAH 1	1.0.2.3	PLANT SPDS CONSOLE FULLY	07/31/90	12/31/90		
SEQUOYAH 1	MPA-B083	15 COVERED BY BL B3-36 & B3-37 (NURES 0737)	05/31/89	9 COMPLETED		
SEGUDYAH 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	10/31/9	3		
SEQUOYAH 2	1.0.2.3	PLANT SPDS CONSOLE FULLY	10/31/9	0 12/31/90		
SCRUOYAH 2	MPA-BOB3	TS COVERED BY BL 83-36 & 83-37 (NURES 0737)	05/31/6	9 COMPLETED		
SEQUOYAH 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	10/31/9	3		
SHOREHAM	1.0.2.1	PLANT SPDS CONSOLE DESCRIPTION	10/15/8	9 CLOSED	Note	3
SHOREHAM	1.0.2.2	PLANT SPDS CONSOLE INSTALLED			Note	
SHOREHAM	1.0.2.3	PLANT SPDS CONSOLE FULLY			Note	
phonennn	*181418	IMPLEMENTED			Note	3
SHORFYAM	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	08/30/9	PO CLOSED	Note	3
ST LUCIE 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOR	12/30/9	90		
ST LUCIE 2	MPA-F071		12/30/9	90		
SUMMER 1	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	09/30/	90 COMPLETED		
SURRY 1	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	. 1.1	12/31/90	Note	1(d)
SURRY 1	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	12/31/	94		
SURRY 2	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	1.1	12/31/90	Note	1(d)
SURRY 2	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOS	12/31/	74		
TROJAN	MPA-F071	DETAILED CONTROL ROOM REVIEW FOLLOWUP TO MPA-FOOB	09/30/	90 03/30/91		
TURKEY PRINT 3	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	07/31/	189 (14/30/91		
TURKEY POIN 3	11.D.1.2.B	RELIEF & SAFETY VALVE TEST REG-PLANT SPECIFIC REPORT	07/31/	/89 12/31/91		
TURKEY POINT 4	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	07/31/	/89 04/30/91		
TURKEY POINT 4	II.D.1.2.B		07/31	/89 12/31/91		

UNIMPLEMENTED IN1 188UE SCHEDULE EVALUATION

PLANT NAME	ISSUE MUMBER	TITLE/DESCRIPTION	5-19-89 STATUS	NE & DATE
SERVE LACKREA		PLANT SPDS CONSOLE INSTALLED		
VERMONT YANKEE	1.0.2.3	PLANT SPDS CONSOLE FULLY IMPLEMENTED	10/31/90	DOMPLETED
VERKONT YANTEE	MFA-F071	DETAILED CONTROL ROOM REVIEW	10/31/90	
		FOLLOWUF TO MPA-FOOR		
V081LE 1	MFA-F071	DETAILED CONTROL ROOM REVIEW	10/31/90	
		FOLLOWUP TO MPA-FOOR		
VOETLE 2	MPA-F071	DETAILED CONTROL ROOM REVIEW	10/31/90	
		FOLLOWUP TO MPA-FOOR		
WNP 2	MPA-F071	DETAILED CONTROL ROOM REVIEW	08/30/90	11/15/91
		FOLLOWUR TO MPA-FOOR		
210N 1	MPA-8083	15 COVERED BY BL 83-36 4 83-37	11/30/89	12/30/90
		(NUREG 0737)		
210N 1	MPA-F071	DETAILED CONTROL ROOM REVIEW	09/30/89	04/30/91
		FOLLOWUP TO MPA-FOOR		
210N 2	MPA-BOB3	TS COVERED BY BL 83-36 & 83-37	11/30/89	12/30/90
		(NURES 0737)		
210N 2	MPC -F 071	DETAILED CONTROL ROOM REVIEW	05/02/90	09/30/91
		FOLLOWUP TO MPA-FOOR		

Completed means item was determined to be fully implemented at the particular plant, or the staff found acceptable technical alternatives proposed and implemented by licensees.

Closed, (applicable only to items associated with Shoreham and Rancho Seco) means that item has been formally closed by the staff and no longer considered as open since the licensee has indefinitely suspended or deferred schedular commitments on these items in conjunction with the licensee's decision to cease operations at the facilities.

- Note 1: The original list of 254 items has been increased by the addition of 21 items. The items (described in a, b, c, and d below) were added in our previous reports. Eighteen items (described in (d) below are associated with the reopening of SPDS items at 18 units in the current report.
 - (a) Issue Number II.D.1.3, "Block Valve Testing," for Ft. Calhoun. The staff's review concluded that the valve testing data previously referenced by the licensee was for valves that are not similar to the Ft. Calhoun block valves. The licensee originally committed to test similar valves by December 31, 1990, but has now scheduled completion by June 30, 1991, due to valve vendor delays.
 - (b) Issue Number I.D.1, "Detailed Control Room Design Review" for Comanche Peak. The necessary corrective action for this item is now complete and the item is closed.
 - (c) Issue Number I.D.2.3, "Plant SPDS Console Fully Implemented" for Comanche Peak. The applicant has committed to full implementation by November 30, 1991.
 - (d) Issue Number I.D.2.3, "Plant SPDS Console Fully Implemented" for 18 units was reported as implemented and therefore not included in the original list. They have been added to the list since these items were subsequently determined to be open.
- Note 2: The licensee's letter of November 29, 1989, indefinitely suspended all schedular commitments in conjunction with the licensee's decision to cease operations at the facility. These items have been formally closed by the staff.
- Note 3: The licensee's letter of September 27, 1989, indefinitely deferred implementation of these items in conjunction with the licensee's decision to decommission the plant. These items have been formally closed by the staff.