



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

February 25, 1992

Docket Nos. 50-390
and 50-391

LICENSEE: Tennessee Valley Authority (TVA)
FACILITY: Watts Bar Nuclear Plant, Units 1 and 2
SUBJECT: MEETING SUMMARY - FEBRUARY 19, 1992, ROUTINE
CONFERENCE ON LICENSING STATUS (TAC M72494 and
M72495)

On February 19, 1992, NRC and TVA representatives met at the Watts Bar site to discuss the status, needed actions, priorities and schedules of various licensing issues. These include all unresolved outstanding issues, confirmatory issues, proposed license conditions, corrective action programs (CAPs), special programs (SPs), TVA's response to generic letters and bulletins, and upcoming NRR-led team inspections. The discussion was based on the latest licensing status as published in the Watts Bar Safety Evaluation Report Supplement 8 (NUREG-0847, Supplement 8). Enclosure 1 is the list of meeting participants.

Schedular information was exchanged between TVA and NRR personnel, agreed upon, and subsequently used to update the NRR staff's work control system, Workload Information and Scheduling Program (WISP, Enclosure 2), and flow charts showing milestones for the CAPs and SPs (Enclosure 3). The first flow chart in Enclosure 3 provides an overall diagrammatic representation of all the events that must transpire before issuance of the Watts Bar Unit 1 operating license.

The staff explained that the Office of Nuclear Reactor Regulation (NRR) issues the Safety Evaluation Report (NUREG-0847) and supplements (SSERs) as its principal licensing basis documents for Watts Bar. Section 1 of the latest SSER (SSER 8) officially documents the issues that NRR considers needing resolution before an operating license can be granted. Hence, Section 1 of SSER 8 is a good indicator of Watts Bar's closeness to an operating license. As a corollary, no other document (including Enclosure 2 to this summary) should be used for such purpose.

TVA personnel described the status of TVA's top 11 actions. These are flagged by appropriate indicators in Enclosure 2. The staff noted that it has the same understanding of the status and needed actions regarding the top 11 actions.

The staff provided two handouts, one on FSAR Amendment 63 and one on the microbiologically induced corrosion (MIC) special program (see Enclosures 4 and 5), listing the issues to be discussed in upcoming teleconferences or meetings.

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PDR ADOCK 05000390
A PDR

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QPS
1/11
Memo 4

The staff suggested that the next licensing status meeting be held in NRC offices in Rockville, Maryland, and stated that part of that meeting can be designated for discussion between TVA and NRR senior managers.

Original signed by
Peter S. Tam, Senior Project Manager
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Enclosures:

1. Participant List
2. WISP Report
3. CAP/SP Flowcharts
4. Questions on Amendment 63, Section 2.5
5. Questions on the MIC Special Program

cc w/enclosures:
See next page

OFC	PD II-4LA	PD II-4PM	PD II-4D
NAME	MSanders <i>MS</i>	PTam <i>PST</i>	FHebdon <i>FH</i>
DATE	2/24/92	2/25/92	2/25/92

Distribution

Docket File

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Local PDR

T. Murley/F. Miraglia 12-G-18

J. Partlow 12-G-18

S. Varga 14-E-4

G. Lainas 14-H-3

F. Hebdon

M. Sanders

P. Tam

B. Wilson RII

J. Wechselberger 17-G-21

G. Walton RII

K. Barr RII

OGC 15-B-18

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J. Davis 7-D-4

R. Hermann 7-D-4

R. Pichumani 7-D-15

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LIST OF PARTICIPANTS

ROUTINE LICENSING STATUS MEETING

February 18, 1992

<u>Name</u>	<u>Affiliation</u>
Ken Barr (part-time)	NRC/Region II
James Davis (provided Enclosure 5 only)	NRC/NRR
Robert Hermann (provided Enclosure 5 only)	NRC/NRR
Becky Mays	TVA Watts Bar Site Licensing
Mark Medford	TVA Corporate Office
Paul Pace	TVA Watts Bar Site Licensing
Raman Pichumani (provided Enclosure 4 only)	NRC/NRR
Peter Tam	NRC/NRR/Project Directorate II-4
John Vorees	TVA Watts Bar Site Licensing
Glen Walton (part-time)	NRC/Watts Bar Senior Resident Inspector

TaskID	MPA Num	Age (Mon)	Rev Mth	Pri	Actyp	Title	Appl Date	RAI Issued	RAI Response	Licensing Action Complete	Licensee Impl.	Comments
***** Active Actions *****												
M63590		[33]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: Q - LIST.	(05/22/89)	(08/16/90)	(11/07/90C)	(12/31/92T)	(04/30/92T)	3/92 submittal to modify scope. (Top 4)
M63591		[10]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: EQUIPMENT QUALIFICATION OPEN ISSUE 4	(04/30/91)	(--/--/--)	(04/30/91C)	(03/31/93T)	(08/31/92T)	TVA priority score: 134. Meeting early March?
M63594		[33]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: DESIGN VERIFICATION AND LICENSING BASELINE PROGRAM	(05/22/89)	(03/22/91)	(11/08/91C)	(09/30/92T)	(05/31/92T)	Next IDI insp. date being considered. (Top 6 and 7)
M63595		[33]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: MODERATE ENERGY LINE BREAK FLOODING (SECTION 3.6.1)	(05/22/89)	(--/--/--)	(06/26/90C)	(12/31/93T)	(10/31/92T)	TVA to determine when to submit MELB analysis.
M63597		[40]	TS	3	RN	WATTS BAR 1 - CONTAINMENT ISOLATION REVIEW	(10/20/88)	(03/15/89)	(05/12/89C)	(12/31/92T)	(12/31/92T)	8/92 tentative date for Kudrick site visit. TVA score: 37.
M63627		[85]	TS	2	LN	WATTS BAR 1 - PRESERVICE INSPECTION PROGRAM, OPEN ISSUE 5	(01/30/85)	(10/09/90)	(11/04/91C)	(08/31/92T)	(--/--/--)	Revised submittal of 11/4/91 under review. Target mid 92.
M63632		[21]	TS	2	RN	WATTS BAR 1 - MSLB OUTSIDECONTAINMENT (SECT 3.11.3.3)"	(05/04/90)	(06/04/90)	(11/30/92T)	(12/30/92T)	(--/--/--)	TVA: submittal by 11/92. TVA priority score : 62.
M63647		[18]	TS	3	RN	WATTS BAR 1 - HEALTH PHYSICS PROGRAM (SECT 12.6)"	(08/15/90)	(10/19/90)	(01/03/91C)	(08/30/92T)	(--/--/--)	N. Horning said site visit in 3/92 possible, 7/92 better.
M63648		[0]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: FIRE PROTECTION, OPEN ISSUE 12, CONF. ISSUE 38, LIC. COND 20	(02/05/92)	(--/--/--)	(--/--/--)	(12/31/92T)	(05/31/92T)	Submittal under review. P. Madden on site 2/28. (Top 3)
M63649		[84]	TS	2	RN	WATTS BAR 1 - POWER SYSTEM CONCERNS, CONF. 28-35, LIC. COND.13,17	(02/06/85)	(06/20/91)	(09/13/91C)	(03/31/92T)	(--/--/--)	TVA priority score 31. RAI response under review.
M63650		[33]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: MICROBIOLOGICALLY INDUCED CORROSION	(05/22/89)	(--/--/--)	(02/26/91C)	(04/30/92T)	(06/30/92T)	SE published in SSER 8 needs to be revised by J. Davis.
M63656		[0]	TS	3	RN	WATTS BAR 1 - EMERGENCY PLANNING LIC. COND. 27	(--/--/--)	(--/--/--)	(--/--/--)	(06/30/93T)	(11/30/92T)	TVA submittal app. 7/92. (NRC only needs 12 mo. before OL)
M63657		[19]	TS	2	RN	WATTS BAR 1 - PHYSICALSECURITY PLAN (SECT 13.6)"	(07/24/90)	(--/--/--)	(11/05/90C)	(09/30/93T)	(12/31/92T)	Submittal by when? Does it address PLC 38? (Top 9)
M68624	A022	[0]	TS	2	LL	WATTS BAR 1 - IMPLEMENTATION OF THE STATION BLACKOUT RULE, 10CFR50.63"	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/92T)	(--/--/--)	Telecon of 9/19. Submittal June'92. TVA priority score 78.
M68848	X805	[6]	TS	3	RN	WATTS BAR 1 - NONCONFORMING PIPING MATERIALS (BULLETIN 88-05)"	(08/01/91)	(08/21/91)	(01/14/92C)	(06/30/92T)	(--/--/--)	Additional info. on chemistry by 3/92.
M71917		[33]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR CABLE ISSUES"	(05/22/89)	(--/--/--)	(11/21/91C)	(11/30/92T)	(09/30/92T)	SE on Brand Rex cable by 3/92. Audit 3/2/92. (Top 5)
M71922		[33]	TS	2	RN	WATTS BAR 1 CORRECTIVE ACTION PROGRAM (CAP) FOR REPLACEMENT ITEM (PIECE PARTS)"	(05/22/89)	(03/09/89)	(02/03/92C)	(06/30/92T)	(09/30/92T)	Revised CAP under review by Vendor Insp. Branch (Owalina).
M71923		[33]	TS	2	RN	WATTS BAR 1 CORRECTIVE ACTION PROGRAM (CAP) FOR QA RECORDS"	(05/22/89)	(08/30/91)	(02/14/92C)	(04/30/92T)	(01/31/93T)	Response to 15 question under review. (Top 1)
M72106		[33]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR WELDING ISSUES"	(05/22/89)	(--/--/--)	(07/31/90C)	(06/30/92T)	(03/31/93T)	TVA score 60. Response to 8/12/88 SE by Spring '92.
M72181	X811	[0]	TS	2	RN	WATTS BAR 1 - BULLETIN 88-11 PRESSURIZER SURGELINE THERMAL STRATIFICATION"	(--/--/--)	(--/--/--)	(--/--/--)	(10/31/92T)	(--/--/--)	TVA to address item 2.a by 3/92.
M72693	X809	[0]	TS	2	RN	WATTS BAR 1 - THIMBLE THINNING IN PAR'S (BULLETIN 88-09)"	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/93T)	(--/--/--)	No need for submittal until after plant start.
M74488	B111	[0]	TS	3	RN	WATTS BAR 1- INDIVIDUAL PLANT EVALUATIONS (GL 88-20)"	(--/--/--)	(--/--/--)	(09/30/92T)	(06/30/93T)	(--/--/--)	IPE submittal 9/92; IPEEE submittal by 6/94.

TVA top priority issues -- These issues are designated by "(Top _)" in the comments column.

ENCLOSURE 2

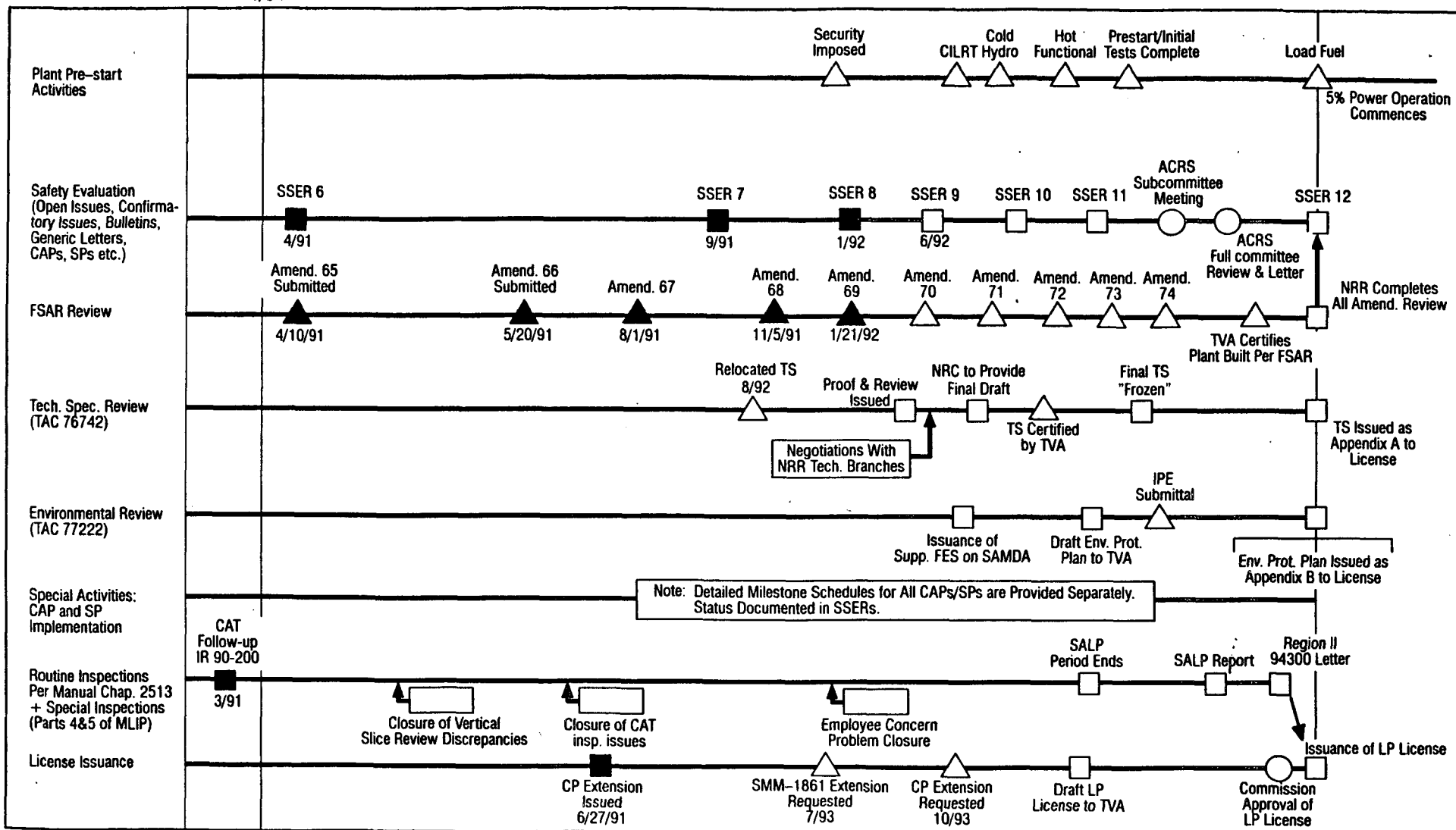
Condensed Project Manager Report

TaskID	MPA Num	Age (Mon)	Rev Mth	Pri	Actyp	Title	Appl Date	RAI Issued	RAI Response	Licensing Action Complete	Licensee Impl.	Comments
M74801	A025	[0]	TS	3	RN	"WATTS BAR 1 - ACCEPTABLE IST	(--/--/--)	(--/--/--)	(--/--/--)	(09/30/93T)	(--/--/--)	IST submittal 6 months before fuel load.
M76631	X001	[1]	PM	3	RN	"WATTS BAR 1 - RESPONSE TO NRCB 90-01 LOSS OF FILL-OIL IN ROSEMOUNT TRANSMITTER"	(01/31/92)	(--/--/--)	(--/--/--)	(06/30/92T)	(--/--/--)	1/31/92 submittal under review. Supplement GL being issued.
M76742		[26]	TS	2	RN	WATTS BAR 1 - TECHNICAL SPECIFICATION REVIEW	(12/29/89)	(--/--/--)	(--/--/--)	(12/31/93T)	(--/--/--)	Relocated TS (Tech. Requ. Manual) to come, 8/92.
M76881		[0]	TS	3	LN	WATTS BAR 1 - INSERVICE INSPECTION (LICENSE CONDITION 4)	(--/--/--)	(--/--/--)	(--/--/--)	(09/30/93T)	(--/--/--)	Submittal 6 months before fuel load.
M76972		[26]	TS	2	RN	WATTS BAR UNIT 1 - QUALITY ASSURANCE PROGRAM (SER SECTION 17.0)	(12/07/89)	(--/--/--)	(--/--/--)	(12/30/92T)	(--/--/--)	Response to SSER 5 by 6/92. R-II reviews 12/4/91 & 1/15/92.
M76973		[33]	TS	2	RN	WATTS BAR UNIT 1 - SPECIAL PROGRAM : MASTER FUSE LIST	(05/22/89)	(11/27/91)	(01/31/92C)	(05/31/92T)	(05/31/92T)	1/31/92 response under review by F. Burrows. (Top 10)
M76974		[10]	TS	2	RN	WATTS BAR UNIT 1 - SPECIAL PROGRAM : MECHANICAL EQUIPMENT QUALIFICATION	(04/30/91)	(--/--/--)	(--/--/--)	(12/31/92T)	(08/31/92T)	(same as TAC 63591). TVA priority score 82.
M77020	B081	[99]	TS	3	RN	WATTS BAR 1 - GL 83-28, ITEM 4.2.1 AND 4.2.2 PREVENTIVE MAINTENANCE PROGRAM FOR TRIP BREAKERS	(11/07/83)	(--/--/--)	(07/11/91C)	(04/30/92T)	(12/31/93T)	No review until Supp. GL is issued.
M77061		[20]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 63 REVIEW	(06/29/90)	(06/20/91)	(09/13/91C)	(02/28/92T)	(--/--/--)	GL 87-07 cert. letter and Sec. 2.5 under review.
M77086	B089	[72]	TS	3	RN	WATTS BAR 1 - GL 83-28, ITEM 4.2.3 AND 4.2.4, RTB LIFE TESTING AND PERIODIC REPLACEMENT	(02/10/86)	(--/--/--)	(--/--/--)	(03/31/92T)	(--/--/--)	No review until Supp. GL is issued.
M77132		[77]	TS	2	RN	WATTS BAR 1 - TMI II.F.2, ON INADEQUATE CORE COOLING INSTRUMENTATION, LIC. COND. 3	(09/19/85)	(08/16/90)	(01/24/92C)	(06/30/92T)	(09/30/92T)	Revised submittal and Amend. 69 under review, app. by 4/92.
M77222		[19]	TS	2	RN	WATTS BAR UNIT 1 - SEVERE ACCIDENT MITIGATION DESIGN ALTERNATIVES (SAMDA) IN THE FES	(07/30/90)	(01/29/91)	(07/31/92T)	(12/31/92T)	(--/--/--)	Awaiting TVA response to 1/29/91, at site by late 92.
M77543		[85]	TS	2	RN	WATTS BAR 1 - PROCEDURE TO ESTIMATE CORE DAMAGE, (SECTION 9.3.2)	(01/31/85)	(--/--/--)	(06/30/92T)	(12/31/92T)	(--/--/--)	SSER 5. TVA submittal by 7/92.
M77548		[26]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM ON SOIL LIQUEFACTION	(12/31/89)	(07/09/91)	(08/22/91C)	(03/31/92T)	(06/30/92T)	Reviewing Amend 63 Sec. 2.5. Need response to audit report.
M77550	A017	[20]	TS	2	RN	WATTS BAR 1 - CONFORMANCE WITH RG 1.97, INSTRUMENTATION TO FOLLOW COURSE OF ACCIDENT	(06/08/90)	(08/26/91)	(10/29/91C)	(06/30/92T)	(--/--/--)	RAI response under review. SE to be published in SSER 9.
M77553		[0]	TS	2	RN	WATTS BAR 1 - OFFSITE DOSE CALCULATION MANUAL (ODCM)	(--/--/--)	(--/--/--)	(--/--/--)	(12/30/92T)	(--/--/--)	Leta Brown, reviewer. Submittal by 8/92 with draft TS.
M77560		[89]	TS	3	RN	WATTS BAR 1 - HEAVY LOADS (LICENSE CONDITION 39)	(09/24/84)	(--/--/--)	(12/31/92T)	(03/31/93T)	(--/--/--)	TVA submittal by 12/92.
M77569		[83]	TS	2	RN	WATTS BAR 1 - STEAM GENERATOR TUBE RUPTURE ANALYSIS PER WCAP - 11698	(03/31/85)	(--/--/--)	(--/--/--)	(12/31/92T)	(--/--/--)	See SSER 5, 15.6.3. TVA submittal by 4/93.
M77845		[20]	TS	2	RN	WATTS BAR 1 - CONTAINMENT SUMP SCREEN DESIGN ANOMALIES	(06/26/90)	(--/--/--)	(--/--/--)	(03/31/92T)	(--/--/--)	Segala reviewing Norris Report #WR28-2-85-131. See IR 89-20.
M77861		[20]	TS	2	RN	WATTS BAR 1 - PLANT OPERATING, MAINTENANCE AND EMERGENCY PROCEDURES (SECTION 13.5.2)	(06/26/90)	(--/--/--)	(--/--/--)	(09/30/93T)	(09/30/93T)	PGP submittal when? Address PLC 28, 29?
M77896	A021	[20]	TS	2	LL	WATTS BAR 1 PRESSURIZED THERMAL SHOCK, 10 CFR 50.61	(06/26/90)	(--/--/--)	(--/--/--)	(07/31/92T)	(--/--/--)	TVA recalculating fluence per draft RG. Submittal by 4/92.
M79317		[7]	TS	2	RN	WATTS BAR 1 - NATURAL CIRCULATION COOLDOWN - BTP RSB5-1, REV2 (GL 81-21)	(07/11/91)	(--/--/--)	(--/--/--)	(06/30/92T)	(--/--/--)	Under review, target 6/92.

Page	3					Report Date	02/24/92					Condensed Project Manager Report				
TaskID	MPA Num	Age (Mon)	Rev Mth	Pri	Actyp	Title	Appl Date	RAI Issued	RAI Response	Licensing Action Complete	Licensee Impl.	Comments				
M79692		[13]	TS	2	RN	WATTS BAR 1 - PIPE BREAK SPECTRA USED AS	(01/29/91)	(--/--/--)	(09/20/91C)	(03/31/92T)	(--/--/--)	9/20/91 additional info. under review.				
M79717		[13]	PM	2	RN	WATTS BAR 1 - SEISMIC DESIGN CONCERNS ORIGINATING FROM FSAR AMEND 64 OPEN ISSUE 19	(01/04/91)	(08/22/91)	(11/27/91C)	(05/31/92T)	(--/--/--)	Response to ductility position by 3/92. (Top 2 and 11)				
M79718		[10]	TS	2	RN	WATTS BAR 1 - MECHANICAL SYSTEMS CONCERNS ORIGINATING FROM FSAR AMEND. 64, OPEN ISSUE 20	(04/18/91)	(01/04/91)	(07/31/91C)	(01/31/93T)	(--/--/--)	FW check valve mods. to be done by 1/93.				
M79992		[11]	TS	2	RN	WATTS BAR 1 - SAFETY AND RELIEF VALVE TESTING (TMI II.D.1)	(03/21/91)	(10/10/91)	(07/11/91C)	(09/30/92T)	(03/31/92T)	Response to 10/10/91 RAI by 6/92. G. Hammer OK'd date.				
M80143		[10]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT NO. 65 REVIEW	(04/10/91)	(07/11/91)	(09/13/91C)	(03/31/92T)	(--/--/--)	Response to RAIs on Sec. 4.2 and 8 under review.				
M80152		[16]	TS	3	RN	WATTS BAR 1 - CONTAINMENT EFFECTS DUE TO REMOVAL OF BORON INJECTION TANK	(10/18/90)	(--/--/--)	(01/21/92C)	(06/30/92T)	(--/--/--)	Started by TVA 5/2/84 letter. Amend. 69 info. under review.				
M80451		[9]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 66 REVIEW	(05/20/91)	(--/--/--)	(--/--/--)	(03/31/92T)	(--/--/--)	Under review.				
M81063		[7]	TS	2	RN	WATTS BAR 1 - USE OF EAGLE 21 PROCESS PROTECTION SYSTEM	(07/10/91)	(--/--/--)	(--/--/--)	(05/31/92T)	(--/--/--)	NRC will do V and V after tech. info. submittal, 2/92.				
M81154		[7]	TS	2	RN	WATTS BAR 1 - CHANGES TO ECCS MODEL	(07/22/91)	(--/--/--)	(--/--/--)	(06/30/92T)	(--/--/--)	TVA letter re schedule to redo SBLOCA, 2/92.				
M81221		[6]	TS	2	LN	WATTS BAR 1 - FSAR AMENDMENT 67 REVIEW	(08/01/91)	(--/--/--)	(--/--/--)	(03/31/92T)	(--/--/--)	Under review.				
M81696		[5]	PM	2	RN	WATTS BAR 1 - NUCLEAR PERFORMANCE PLAN, VOL. 4, REV. 1	(09/06/91)	(--/--/--)	(--/--/--)	(03/30/92T)	(--/--/--)	NRR and R-11 documenting review result. No problems.				
M81887		[0]	TS	3	RN	WATTS BAR UNIT 1 - USE OF VANTAGE - 5H FUEL DESIGN	(10/10/92)	(--/--/--)	(--/--/--)	(12/31/92T)	(--/--/--)	Tech. info. by late 1992. Staff has no technical concern.				
M81959		[4]	TS	2	LL	WATTS BAR 1 - ASME CODE CASE N-491	(10/23/91)	(--/--/--)	(--/--/--)	(03/31/92T)	(--/--/--)	Verbal OK given to Browns Ferry. SE to follow soon.				
M82032		[5]	TS	2	RN	WATTS BAR 1 - FIFTH DIESEL GENERATOR NON-ELECTRICAL ISSUES	(09/24/91)	(--/--/--)	(--/--/--)	(03/31/92T)	(--/--/--)	Previous TAC is 63606. SE likely be in SSER 9.				
M82049		[3]	TS	2	RN	WATTS BAR UNIT 1 - FSAR AMENDMENT 68	(11/14/91)	(--/--/--)	(--/--/--)	(06/30/92T)	(--/--/--)	J. Segala reviewing for EMEB and ESGB.				
M82065		[6]	TS	2	RO	WATTS BAR 1 - THIRD ANNUAL REPORT ON EMPLOYEE CONCERN SPECIAL PROGRAM	(08/27/91)	(--/--/--)	(--/--/--)	(03/15/92T)	(--/--/--)	T. Ross has lead on this joint TVA submittal.				
M82367		[4]	TS	2	RA	WATTS BAR 1 - SHALLOW UNDER ANCHORS	(10/16/91)	(--/--/--)	(--/--/--)	(04/30/92T)	(--/--/--)	(No TVA involvement.)				
M82583	F012	[0]	TS	3	RR	WATTS BAR 1 - NUREG 0737, II.B.3.2 POST ACCIDENT SAMPLING MODIFICATION	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/92T)	(--/--/--)	(Awaiting NRR instruction on this TAC).				
M82644		[1]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 69.	(01/21/92)	(--/--/--)	(--/--/--)	(10/31/92T)	(--/--/--NA)	Expect to have interim Chap. 14 results in near future.				
R00508		[33]	TS	2	RN	"WATTS BAR UNIT 1: CORRECTIVE PROGRAM (CAP) PLAN FOR CONDUIT SUPPORT INSTALLATION"	(05/22/89)	(01/04/91)	(08/22/91C)	(03/31/92T)	(08/31/92T)	Audit to close IR 89-14, 90-05 issues, 2/24/92.				
R00510		[33]	TS	2	RN	"WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR HAVACDUCT AND DUCT SUPPORTS"	(05/22/89)	(01/04/91)	(06/28/91C)	(03/31/92T)	(12/31/92T)	Audit to close IR 89-14, 90-05 issues, 2/24/92.				
R00512		[33]	TS	2	RN	"WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) FOR HANGER AND ANALYSIS UPDATE PROGRAM (HAAUP)"	(05/22/89)	(01/04/91)	(07/31/90C)	(03/31/92T)	(10/31/92T)	Audit to close IR 89-14, 90-05 issues, 2/24/92.				
R00514		[33]	TS	2	RN	"WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR SEISMIC ANALYSIS AND CIVIL CALC. PROGRAM"	(05/22/89)	(01/04/91)	(06/06/91C)	(03/31/93T)	(01/31/93T)	Evaluating TVA's 12/2/91 proposal to consider CAP completed.				
R00516		[33]	TS	2	RN	WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR CATEGORY 1 CABLE TRAY AND CABLE SUPPORTS	(05/22/89)	(01/04/91)	(06/28/91C)	(03/31/92T)	(11/30/93T)	Audit to close IR 89-14, 90-05 issues, 2/24/92.				

WATTS BAR UNIT 1 : MAJOR MILESTONES TO LOW POWER (LP) LICENSE

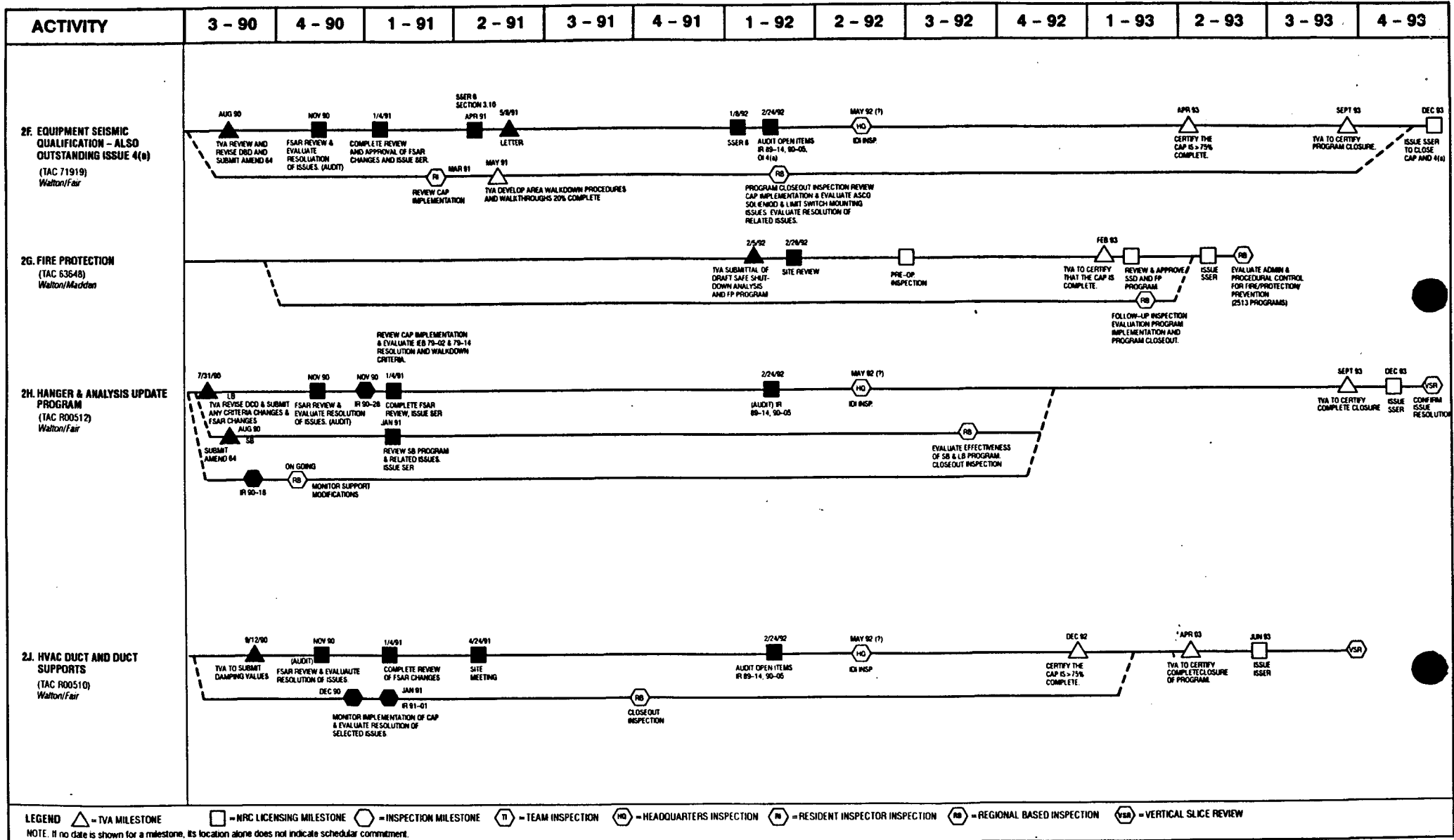
4/91



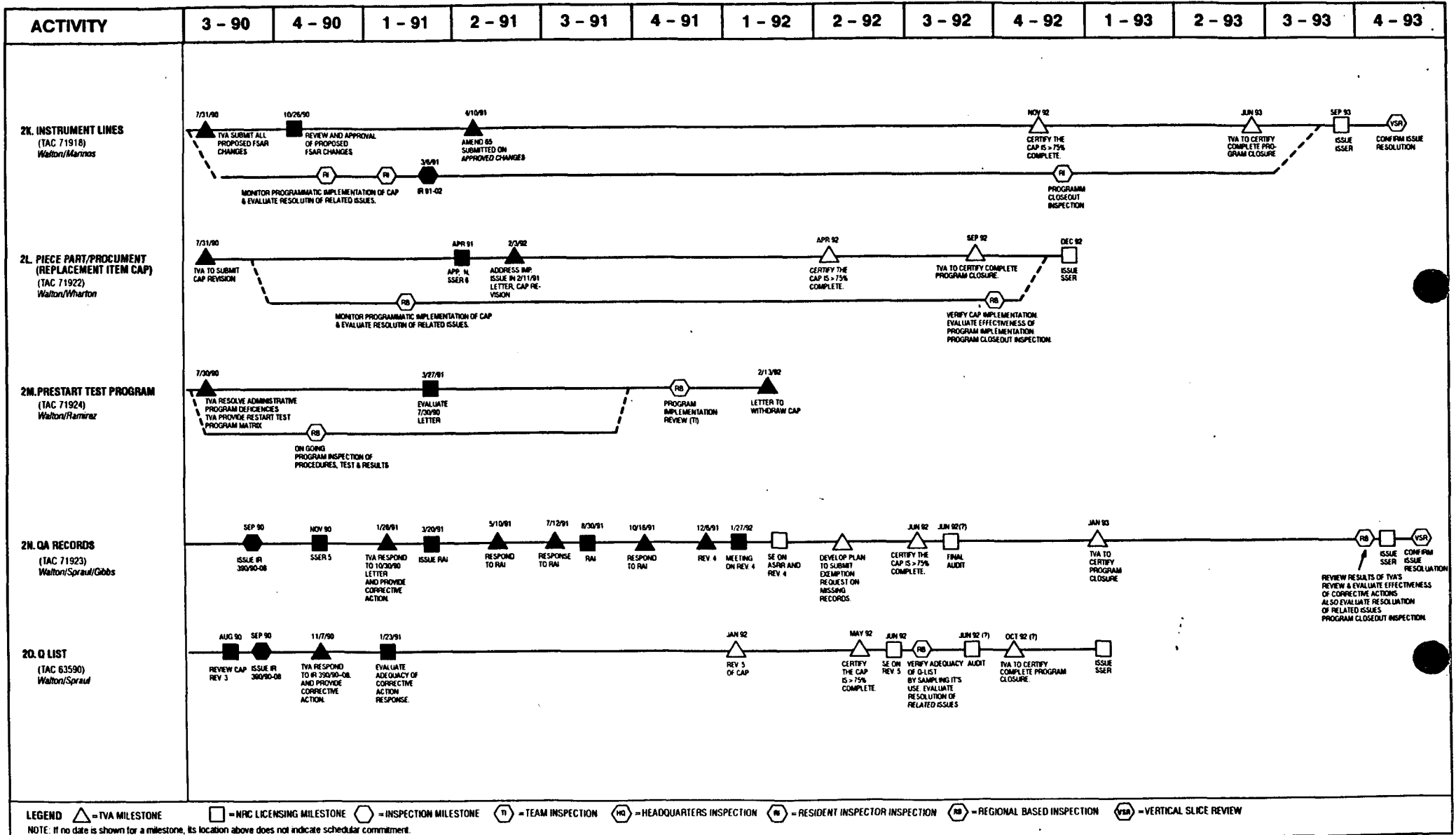
= NRC Milestones
 = TVA Milestones
 = Meetings
 = Date not defined

Enclosure 3

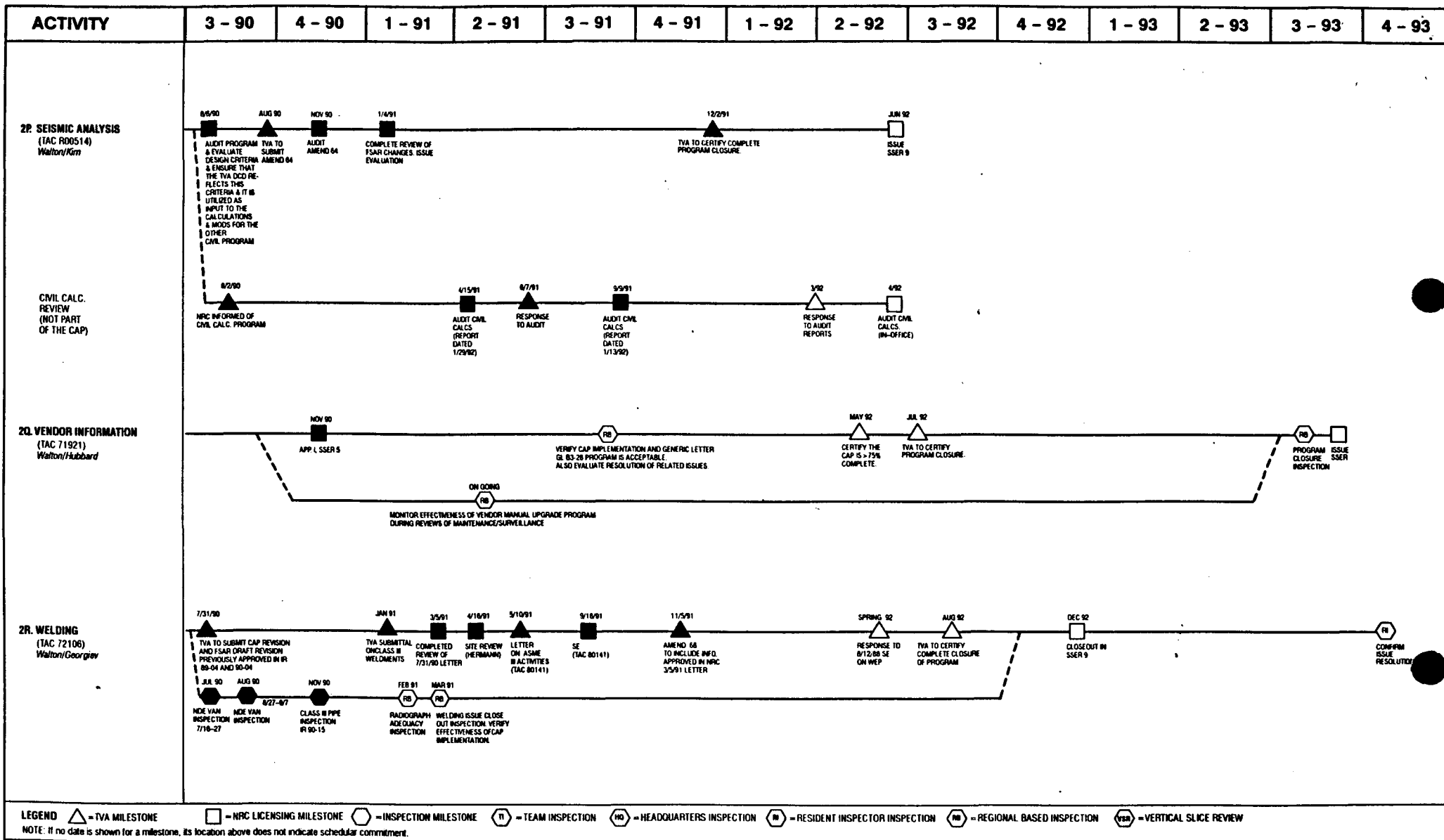
WATTS BAR UNIT 1 CAPS



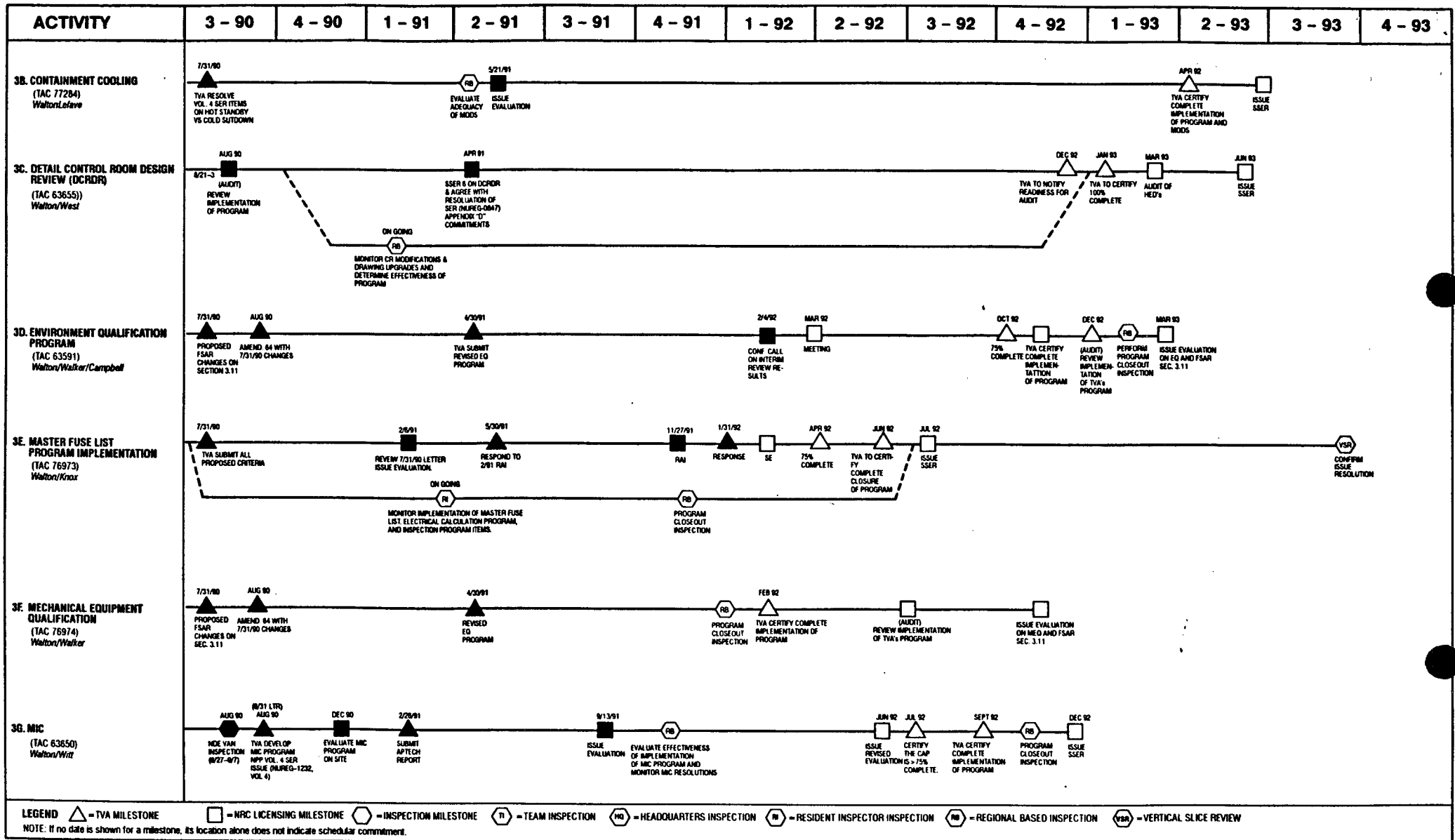
WATTS BAR UNIT 1 CAPS



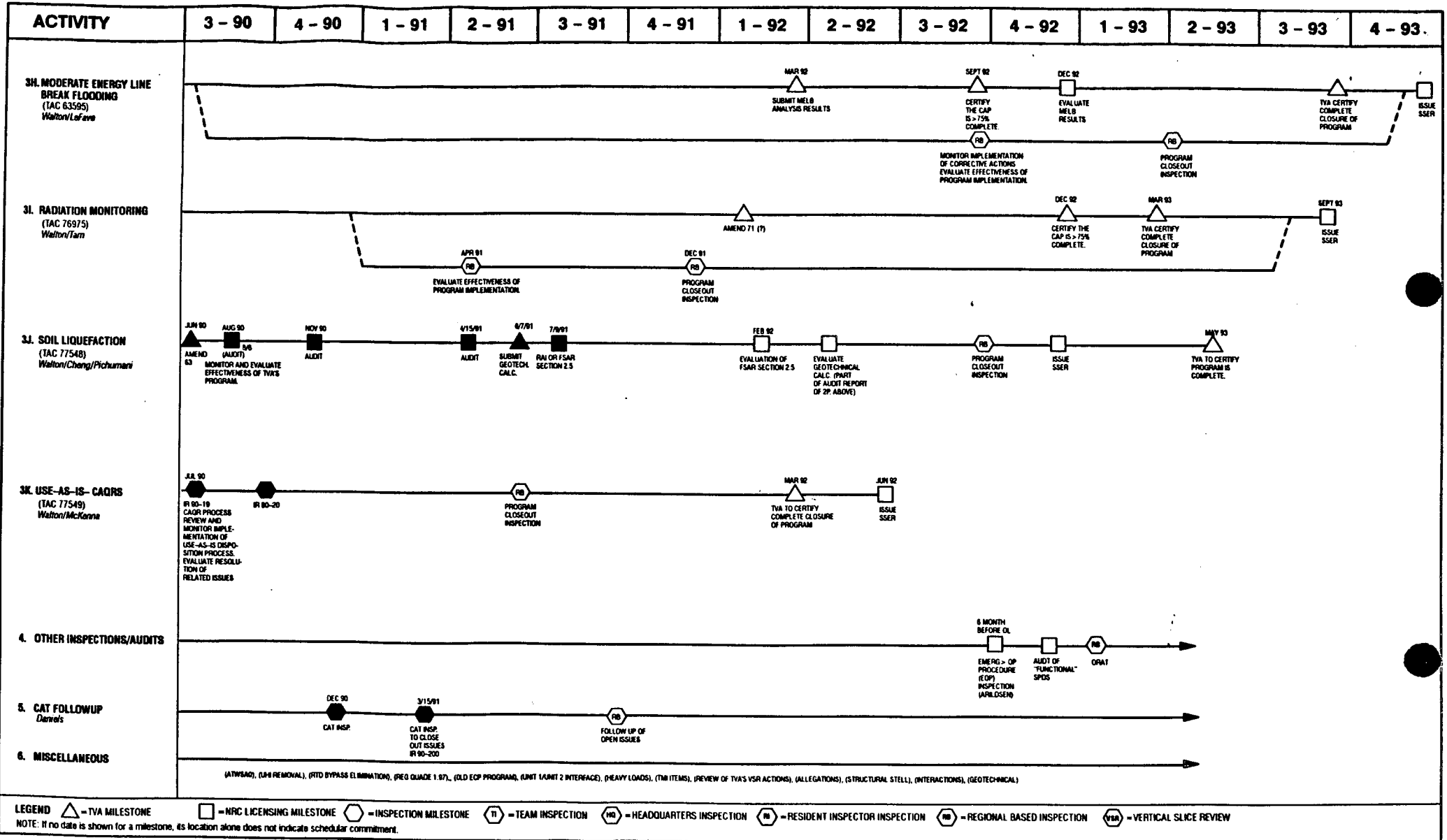
WATTS BAR UNIT 1 CAPS



WATTS BAR UNIT 1 SP & MISCELLANEOUS ISSUES



WATTS BAR UNIT 1 SP & MISCELLANEOUS ISSUES



Amend. 63 Review
TAC M77061

Clarifications needed for review of FSAR Amendments 53-64

1. p 2.5-100 Amend. 50, sec. 2.5.4.2.2.7.2, said: "in order to be conservative, utilities passing bet. bldgs. were designed for a diff'l. settlement across bldg lines of at least 1". This statement is omitted from this section in Amend. 59. Why?

2. The following included in Amend. 50 seem to be deleted from amend 59-- why?

Old sec. 2.5.4.2.2.9 Recommendations for design

Old sec. 2.5.4.2.2.9.1 Settlement analysis

Old sec. 2.5.4.2.2.9.2 Recommendations for Rock Excavation

3. p 2.5-147 Sec. 2.5.5.2.3, in Amend. 50 said 'SSE' in Cases I and II, but Amend. 59 simply says, 'earthquake'-- why?

4. pp 2.5-147 a, b, c -- these are new pages added in Amend. 59 and 63, after SSER 3 was issued. These pages contain information related to the stability analysis of underground barriers which have not been reviewed by the NRC consultant, the Corps of Engineers, whose input was used in SSER 3. Now, the present consultant's questions on ^{the} stability analysis of slopes forwarded with our memo dated ^{1/31/92} are applicable to the analyses of the underground barriers also. Since Amendments 59 & 63 are issued after SSER 3 was issued, it is not correct to say that the integrity of the barriers have been reviewed and approved by NRC.

Reviewer : Pichumani

504-2734

Issues for Discussion on the MIC Program

Let's have a conference call or meeting to exchange information on these issues:

- (1) Is the safety-related portion (auxiliary feedwater) of the fire protection system included in the MIC program?
- (2) What MIC mitigation has been utilized in the safety-related part of the fire protection system?
- (3) What testing has been done on the safety-related part of the fire protection system to ensure that structural integrity and functional system requirements are satisfied (pre-OL and during the 40-year life of the plant)?
- (4) What evidence is available that feedwater water chemistry will be maintained while using this portion of the auxiliary feedwater system?

Reviewers: R. Hermann, J. Davis