



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

September 17, 1991

Docket Nos. 50-390
and 50-391

LICENSEE: Tennessee Valley Authority (TVA)
FACILITY: Watts Bar Nuclear Plant, Units 1 and 2
SUBJECT: MEETING SUMMARY - SEPTEMBER 11, 1991 ROUTINE MEETING ON STATUS OF
VARIOUS LICENSING ISSUES (TAC NOS. 72494 AND 72495)
REFERENCES: Meeting Notice by P. S. Tam (NRC), August 28, 1991

On September 11, 1991, NRC and TVA representatives met at the Watts Bar site to discuss the status, needed actions, 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. Enclosure 1 is the meeting attendee list.

Schedular information obtained in the meeting has been used to update the NRR staff's information system, Workload Information and Scheduling Program (WISP, Enclosure 2), and flow charts showing milestones for the CAPs and the SPs (Enclosure 3). Annotations in Enclosure 2 represent the staff's understanding of the current status of each action. Furthermore, Enclosure 2 captures all active NRR actions on Watts Bar Unit 1 as of this date.

The staff noted that when licensing activities resumed in June 1990, there were about 250 actions (i.e., TAC numbers) identified in the NRR WISP. By January 1991, this number was reduced to about 100. Currently, as shown in Enclosure 2, this number stands at 69. This rate of closure indicates that more actions were resolved than created, and considerable progress has been achieved in reducing the backlog of licensing activities. The staff emphasized that the

NRC FILE CENTER COPY

9109200246 910917
PDR ADOCK 05000390
A PDR

Memorandum
[Handwritten signature]

most significant activities (those most likely to be on the critical path to OL issuance) include approximately two dozen activities that cover the CAPs and SPs. In addition, NRR and TVA continue to work to identify high priority activities that require expedited review and approval by the NRC.

The next licensing status meeting will take place in mid-October.

Original signed by

Peter S. Tam, Senior Project Manager
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Attendance List
- 2. WISP Output
- 3. CAP and SP Charts

cc w/enclosures:
See next page

OFC	: PDII-4/LA	: PDII-4/PM	: PDII-4/D	:	:
NAME	: MSanders <i>ms</i>	: PTam:as/dw	: FHebdon	:	:
DATE	: 9/17/91	: 9/17/91	: 9/17/91	:	:

OFFICIAL RECORD COPY

Document Name: MTG. SUMMARY - SEPTEMBER 11

cc:

Mr. Marvin Runyon, Chairman
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, Tennessee 37902

Mr. John B. Waters, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, Tennessee 37902

Mr. W. H. Kennoy, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, Tennessee 37902

Mr. W. F. Willis
Senior Executive Officer
ET 12B
400 West Summit Hill Drive
Knoxville, Tennessee 37902

General Counsel
Tennessee Valley Authority
ET 11H
400 West Summit Hill Drive
Knoxville, Tennessee 37902

Mr. Dwight Nunn
Vice President, Nuclear Projects
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dr. Mark O. Medford
Vice President, Nuclear Assurance,
Licensing and Fuels
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Mr. Edward G. Wallace
Manager, Nuclear Licensing
and Regulatory Affairs
Tennessee Valley Authority
5B Lookout Place
Chattanooga, Tennessee 37402-2801

Mr. Dan A. Nauman
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Mr. John H. Garrity, Site Vice President
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 800
Spring City, Tennessee 37381

Mr. George L. Pannell
Site Licensing Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 800
Spring City, Tennessee 37381

Mr. H. H. Weber, Manager
Engineering Modifications
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 800
Spring City, Tennessee 37381

Honorable Robert Aikman, County Judge
Rhea County Courthouse
Dayton, Tennessee 37322

Honorable Johnny Powell, County Judge
Meigs County Courthouse, Route 2
Decatur, Tennessee 37322

Mr. Michael H. Mobley, Director
Division of Radiological Health
T.E.R.R.A. Building 6th Floor
150 9th Avenue North
Nashville, Tennessee 37219-5404

Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, N. W.
Atlanta, Georgia 30323

Senior Resident Inspector
Watts Bar Nuclear Plant
U. S. Nuclear Regulatory Commission
Route 2, Box 700
Spring City, Tennessee 37381

Tennessee Valley Authority
Rockville Office
11921 Rockville Pike
Suite 402
Rockville, Maryland 20852

ENCLOSURE 1

ATTENDANCE LIST

WATTS BAR ROUTINE LICENSING STATUS MEETING

SEPTEMBER 11, 1991

<u>Name</u>	<u>Organization</u>
Robert Brown	TVA Site Licensing
Becky Mays	TVA Site Licensing
Paul Pace	TVA Site Licensing
Wayne Massie	TVA Site Licensing
George Pannell	TVA Site Licensing
Peter Tam	NRC/NRR/PDII-4
Ed Wallace	TVA Corporate Licensing

TaskID	NPA Num	Age (Mon)	Rev Mth	Pri	Actyp	Title	Start Date	End Date	Respon	Comp	Open	Close	Notes		
*****	*****	***	***	***	*****	*****	*****	*****	*****	*****	*****	*****	*****		
Active Actions															
M63590	[28]	TS	2	KN		WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: Q - LIST.	05/22/89	(---/---)	(08/15/90)	(11/07/90)	(11/21/90)	(12/31/90)	(12/31/90)	(12/31/90)	134 to consider 1-23/91 comments. volunteered to respond.
M63591	[5]	TS	2	RM		WATTS BAR 1 - SPECIAL PROGRAM: EQUIPMENT DUALIFICATION OPEN ISSUE 4	04/30/91	(---/---)	(---/---)	(04/30/91)	(12/06/91)	(12/31/91)	(01/31/92)	(07/31/92)	TVA priority score:134.
M63592	[15]	TS	2	RM		WATTS BAR 1 - SPECIFIC ORGANIZATION, SECTION 13.1, 13.4, PROPOSED L.C. 25, 26	06/24/90	(---/---)	(12/17/90)	(04/18/91)	(03/27/92)	(03/27/92)	(03/31/92)	(---/---)	For LC 26: TVA to commit to ANSI ANS 3.1, NRC closes LC.
M63594	[28]	TS	2	RM		*WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: DESIGN VERIFICATION AND LICENSING BASELINE PROGRAM	05/22/89	(---/---)	(03/22/91)	(08/01/91)	(---/---)	(09/30/92)	(09/30/92)	(05/31/92)	IDI insp. early '92: IR 91-201 issues, civil CAPs implem. TVA priority score : 106
M63595	[28]	TS	2	RM		WATTS BAR 1 - SPECIAL PROGRAM: MODERATE ENERGY LINE BREAK FLOODING (SECTION 3.6.1)	05/22/89	(---/---)	(---/---)	(06/26/90)	(10/18/91)	(03/31/92)	(04/30/92)	(10/31/92)	TVA: When does submittal come?
M63597	[35]	TS	3	RM		*WATTS BAR 1 - CONTAINMENT ISOLATION REVIEW	10/20/88	(---/---)	(03/15/89)	(05/12/89)	(12/31/91)	(12/31/92)	(12/31/92)	(09/30/91)	8/92 tentative date for Kudrick site visit. TVA priority score : 94
M63599	[58]	TS	2	RM		WATTS BAR UNIT 1 - OUTSTANDING ISSUE 21: RTD BYPASS MODIFICATION	11/03/86	(---/---)	(01/08/91)	(07/09/91)	(02/26/91)	(09/30/91)	(09/30/91)	(---/---)	7/9/91 response and amend. 63 pages under review. SE coming.
M63606	[74]	TS	2	RM		*WATTS BAR 1 - 5TH DIESEL GENERATOR	07/23/85	(---/---)	(06/20/91)	(09/30/91)	(09/28/91)	(11/30/91)	(11/30/91)	(---/---)	Need response to 7/28/86 and 6/20/91 RAI.
M63625	[73]	TS	2	RM		WATTS BAR 1 - IEB 79-02 (SECT 3.9.3.4), CONF. ISSUE 9	08/22/85	(---/---)	(---/---)	(07/26/91)	(09/30/91)	(09/30/91)	(10/31/91)	(---/---)	Under review.
M63627	[80]	TS	2	LN		WATTS BAR 1 - PRESERVICE INSPECTION PROGRAM, OPEN ISSUE 5	01/30/85	(---/---)	(10/09/90)	(12/11/90)	(06/30/92)	(12/31/92)	(12/31/92)	(---/---)	TVA: revise PSI program per R. Hermann comment. App. 10/92.
M63632	[16]	TS	2	RM		*WATTS BAR 1 - NSLD OUTSIDECONTAINMENT (SECT 3.11.3.3)"	05/04/90	(---/---)	(06/04/90)	(01/31/92)	(---/---)	(03/31/92)	(04/30/92)	(---/---)	TVA: submittal by 9/92.
M63644	[13]	TS	2	RM		*WATTS BAR 1 - HYDROGEN/OXYGEN MONITORING SYSTEM (SEC 11.3)"	08/29/90	(---/---)	(---/---)	(---/---)	(10/01/91)	(10/01/91)	(12/31/91)	(---/---)	Only Proposed Lic. Cond. 6(b) remains open.
M63647	[13]	TS	3	RM		*WATTS BAR 1 - HEALTH PHYSICS PROGRAM (SECT 12.6)"	08/15/90	(---/---)	(10/19/90)	(01/03/91)	(02/28/92)	(02/28/92)	(02/28/92)	(---/---)	Pedersen visits site when calcs. are done by TVA, app. 12/91
M63648	[0]	TS	2	RM		WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: FIRE PROTECTION, OPEN ISSUE 12, CONF. ISSUE 38, LIC. COND 20	(---/---)	(---/---)	(---/---)	(10/31/91)	(03/30/92)	(05/31/92)	(05/31/92)	(05/31/92)	TVA priority score 104.
M63649	[79]	TS	2	RM		WATTS BAR 1 - POWER SYSTEM CONCERNS, CONF. 28-35, LIC. COND.13,17	02/06/85	(---/---)	(06/20/91)	(09/30/91)	(---/---)	(11/30/91)	(11/30/91)	(---/---)	Awaiting TVA response to RAI. TVA priority score 64.
M63651	[13]	TS	3	RM		WATTS BAR 1 - INITIAL TEST PROGRAM, REVIEW OF FSAR AMENDMENT	08/31/90	(---/---)	(06/06/91)	(07/10/91)	(---/---)	(09/30/91)	(10/30/91)	(10/31/90)	This IAC is redundant to 77061 for LPEK.
M63656	[0]	TS	3	RM		WATTS BAR 1 -EMERGENCY PLANNING LIC. COND. 27	(---/---)	(---/---)	(---/---)	(---/---)	(---/---)	(---/---)	(---/---)	(---/---)	TVA submittal app. 7/92. (NRC only needs 12 mo. before DL)
M63657	[14]	TS	2	RM		*WATTS BAR 1 - PHYSICALSECURITY PLAN (SECT 13.6)"	07/24/90	(---/---)	(---/---)	(11/05/90)	(---/---)	(09/30/92)	(09/30/92)	(12/31/91)	TVA: submittal needed at least 12 mo. before DL issuance.

Enclosure 2

M68624 A022 [0] TS 2 LL *WATTS BAR 1 - IMPLEMENTATION OF THE STATION BLACKOUT RULE. 10CFR50.63* (---/--/---) (---/--/---) (---/--/---) (---/--/---) (01/31/92) (12/31/92) (12/31/92T) (---/--/---) TVA submittal by fall '92. TVA priority score 132.

M68848 X805 [1] TS 3 RW *WATTS BAR 1 - NONCONFORMING PIPING MATERIALS (BULLETIN 88-05)* (08/01/91) (---/--/---) (08/21/91) (---/--/---) (---/--/---) (12/31/91) (12/31/91T) (---/--/---) TVA: respond to RAI, as modified by 9/5/91 telecdn.Score 135

M69706 X808 [13] TS 2 RW *WATTS BAR 1 - BULLETIN 88-08: THERMAL STRESSES IN PIPE CONNECTED TO RCS* (08/06/90) (---/--/---) (---/--/---) (---/--/---) (07/31/91) (07/31/91) (10/15/91T) (---/--/---) WRC attempting to close.

M71917 [28] TS 2 RW *WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR CABLE ISSUES* (05/22/89) (---/--/---) (---/--/---) (08/22/91C) (03/08/92) (03/08/92) (11/30/92T) (09/30/92T) 8/22/91 under review. 1 or 2 MRR audits to come.

TaskID	NPA Num	Age	Rev	Mth	Pri	Actyp	Title	TR		Request		Licensing		Comments			
								Appl Date	Act Start	RAI Issued	RAI Response	TR Comp	Request Comp		Action Complete	Licensee Impl.	
N71919		[28]	TS	2	RM		"WATTS BAR 1 - CORRECTIVE ACTION PROGRAM on Equipment Seismic Qual."	(05/22/89)	(--/--)	(--/--)	(08/22/91C)	(12/31/91)	(12/31/91)	(05/31/92T)	(05/31/92T)	8/22/91 under review; audit needed to close IR issues.	
N71923		[28]	TS	2	RM		"WATTS BAR 1 CORRECTIVE ACTION PROGRAM (CAP) FOR QA RECORDS"	(05/22/89)	(--/--)	(--/--)	(08/30/91)	(10/20/91T)	(11/29/91)	(11/30/91)	(04/30/92T)	(01/31/92T)	Awaiting response to RAI, 4/24 TVA priority 129.
N72106		[28]	TS	2	RM		"WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR WELDING ISSUES"	(05/22/89)	(--/--)	(--/--)	(07/31/90C)	(09/30/91)	(09/30/91)	(03/31/92T)	(03/31/93T)	Amendment 6B to incorporate 3/5/91 approved changes.	
N72181	XB11	[0]	TS	2	RM		"WATTS BAR 1 - BULLETIN 88-11 PRESSURIZER SURGELINE THERMAL STRATIFICATION"	(--/--)	(--/--)	(--/--)	(--/--)	(12/31/91)	(09/30/92)	(10/31/92T)	(--/--)	TVA to address Item 2.a by mid 1992.	
N72693	X809	[0]	TS	2	RM		"WATTS BAR 1 - THINBLE THINNING IN PWR'S (BULLETIN 88-09)"	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(12/31/93)	(12/31/93T)	(--/--)	No need for submittal until after plant start.	
N74488	B111	[0]	TS	3	RM		"WATTS BAR 1- INDIVIDUAL PLANT EVALUATIONS (GL 88-20)"	(--/--)	(--/--)	(--/--)	(09/30/92T)	(--/--)	(06/30/93)	(06/30/93T)	(--/--)	Submittal by 9/92.	
N74502		[28]	TS	2	RM		"WATTS BAR 1- CORRECTIVE ACTION PROGRAM (CAP)- ELECTRICAL ISSUES"	(05/22/89)	(--/--)	(--/--)	(06/20/91)	(09/30/91T)	(12/30/91)	(07/15/91)	(06/30/92T)	(08/31/92T)	TVA: response to RAI by 9/91. TVA priority score 64.
N74801	A025	[0]	TS	3	LW		"WATTS BAR 1 - ACCEPTABLE IST PROGRAMS(GL 89-04)"	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(09/30/93)	(09/30/93T)	(--/--)	IST submittal 6 months before fuel load.	
N76631	X001	[0]	PM	3	RM		"WATTS BAR 1 - RESPONSE TO WRCD 90-01 LOSS OF FILL-OIL IN ROSEMOUNT TRANSMITTER"	(--/--)	(--/--)	(--/--)	(--/--)	(02/07/92)	(--/--)	(12/31/91T)	(--/--)	Awaiting TVA submittal (app. 11/91).	
N76742		[21]	TS	2	RM		WATTS BAR 1 - TECHNICAL SPECIFICATION REVIEW	(12/29/89)	(--/--)	(--/--)	(--/--)	(--/--)	(12/31/93)	(12/31/93T)	(--/--)	Relocated TS (Tech. Requ. Manual) to come, 1/92.	
N76881		[0]	TS	3	LW		WATTS BAR 1 - INSERVICE INSPECTION (LICENSE CONDITION 4)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(09/30/93)	(09/30/93T)	(--/--)	Submittal 6 months before fuel load.	
N76972		[21]	TS	2	RM		WATTS BAR UNIT 1 - QUALITY ASSURANCE PROGRAM (SER SECTION 17.0)	(12/07/89)	(--/--)	(--/--)	(--/--)	(06/30/92)	(06/30/92)	(06/30/92T)	(--/--)	TVA: respond to SSER 5 issue by late '92.	
N76973		[28]	TS	2	RM		WATTS BAR UNIT 1 - SPECIAL PROGRAM : MASTER FUSE LIST	(05/22/89)	(--/--)	(--/--)	(02/06/91)	(05/31/91C)	(12/30/91)	(12/30/91)	(01/31/92T)	(11/30/91T)	5/30/91 response under review.
N76974		[5]	TS	2	RM		WATTS BAR UNIT 1 - SPECIAL PROGRAM : MECHANICAL EQUIPMENT QUALIFICATION	(04/30/91)	(--/--)	(--/--)	(--/--)	(01/24/92)	(12/31/91)	(01/31/92T)	(02/28/92T)	(same as TAC 63591) TVA priority score: 82	
N77020	B081	[94]	TS	3	RM		WATTS BAR 1 - GL 89-28, ITEM 4.2.1 AND 4.2.2 PREVENTIVE MAINTENANCE PROGRAM FOR TRIP BREAKERS	(11/07/89)	(--/--)	(--/--)	(07/11/91C)	(--/--)	(03/27/92)	(04/30/92T)	(12/31/93T)	Under review.	
N77041		[15]	TS	2	RM		WATTS BAR 1 - PEAR AMENDMENT 50 REVIEW	(06/29/90)	(--/--)	(--/--)	(06/29/91)	(08/20/91C)	(04/17/92)	(12/31/91)	(01/31/92T)	(--/--)	6/20/91 RAI on electrical systems, response by 9/91. TVA: Need cert. letter per GL 89-07
N77080	9099	[67]	TS	3	RM		WATTS BAR 1 - GL 89-28, ITEM 4.2.3 AND 4.2.4, RIS LIFE TESTING AND PERIODIC REPEATEMENT	(02/10/88)	(--/--)	(--/--)	(--/--)	(--/--)	(11/20/91)	(12/30/91T)	(--/--)	Supp. to GL 89-28 being issued. for section 13.2	
N77132		[22]	TS	2	RM		WATTS BAR 1 - TMI 11.1.1, RW INADEQUATE CORE COOLING INSTRUMENTATION, LTD. FUND.	(06/18/89)	(--/--)	(--/--)	(06/18/91)	(07/31/91)	(06/20/92)	(06/30/92)	(06/30/92T)	(09/30/92T)	TVA: revised submittal by when?

W77208 [111] TS 2 RN WATTS BAR 1 - HYDROGEN CONTROL MEASURES. (06/30/82) (---/---) (---/---) (---/---) (10/01/91) (12/31/91) (12/31/91) (---/---) SPLN will issue instruction to address all ice cond. plants.
 FMI LL.B.7, LIC. COND. 9

W77222 [14] TS 2 RN WATTS BAR UNIT 1 - SEVERE ACCIDENT MITIGATION DESIGN ALTERNATIVES (SANDA) IN THE FES (07/30/90) (---/---) (01/29/91) (11/30/91) (12/27/91) (04/30/93) (05/31/93) (---/---) Awaiting TVA response to 1/29/91, submittal by 9/92.

W77543 [80] TS 2 RN WATTS BAR 1 - PROCEDURE TO ESTIMATE CORE DAMAGE. (SECTION 9.3.2) (01/31/85) (---/---) (---/---) (06/30/92) (---/---) (12/31/92) (12/31/92) (---/---) SSER 5. TVA submittal by 7/92.

W77548 [21] TS 2 RN WATTS BAR 1 - SPECIAL PROGRAM ON SOIL LIQUEFACTION (12/31/89) (---/---) (07/09/91) (08/22/91) (12/31/91) (12/31/91) (12/31/91) (12/31/91) When review of Amend. 63 Sec. 2.5 is done, this is done.

Condensed Project Manager Report

TaskID	MPA Num	Age (Mon)	Rev Mth	Pri	Actyp	Title	TR					Licensing		Comments	
							Appl Date	Act Start	RAI Issued	RAI Response	TR Comp	Request Comp	Action Complete		Licensee Impl.
N77550	A017	[15]	TS	2	RN	WATTS BAR 1 - CONFORMANCE WITH RG 1.97.	(06/08/90)	(--/--/--)	(08/26/91)	(10/31/91T)	(12/28/91)	(12/31/91)	(12/31/91T)	(--/--/--)	TVA: respond to RAI by 10/91.
N77553		[0]	TS	2	RN	WATTS BAR 1 - OFFSITE DOSE CALCULATION MANUAL (ODCM)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--I)	(09/30/92)	(09/30/92T)	(--/--/--)	Leta Brown, reviewer. Submittal coordinated with TS devlpaen
N77560		[84]	TS	3	RN	WATTS BAR 1 - HEAVY LOADS (LICENSE CONDITION 39)	(09/24/84)	(--/--/--)	(--/--/--)	(12/31/91T)	(--/--/--I)	(03/31/92)	(03/31/92T)	(--/--/--)	TVA submittal by 12/92.
N77569		[78]	TS	2	RN	WATTS BAR 1 - STEAM GENERATOR TUBE RUPTURE ANALYSIS PER WCAP - 11698	(03/31/85)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--I)	(05/31/92)	(05/31/92T)	(--/--/--)	See SSER 5, 15.6.3. Awaiting TVA submittal.
N77845		[15]	TS	2	RN	WATTS BAR 1 - CONTAINMENT SUMP SCREEN DESIGN ANOMALIES	(06/26/90)	(--/--/--)	(--/--/--)	(--/--/--)	(11/29/91)	(11/30/91)	(12/31/91T)	(--/--/--)	Under review.
N77861		[13]	TS	2	RN	WATTS BAR 1 - PLANT OPERATING, MAINTENANCE AND EMERGENCY PROCEDURES (SECTION 13.5.2)	(06/26/90)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(09/30/93)	(09/30/93T)	(09/30/93T)	P&P submittal needed 12 mo. before DL; EOP insp 6 no. b. DL
N77896	A021	[15]	TS	2	LL	WATTS BAR 1 PRESSURIZED THERMAL SHOCK, 10 CFR 50.61	(06/26/90)	(--/--/--)	(--/--/--)	(--/--/--)	(10/11/91)	(10/31/91)	(11/30/91T)	(--/--/--I)	TVA: Tell how you calculated fluence. Need telecon.
N79317		[2]	TS	2	RN	WATTS BAR 1 - NATURAL CIRCULATION COOLDOWN - BTP RSB5-1, REV2 (GL 81-21)	(07/11/91)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/91)	(12/31/91T)	(--/--/--)	D. Diec is reviewing.
N79692		[8]	TS	2	RN	WATTS BAR 1 - PIPE BREAK SPECTRA USED AS RESULT OF LLB APPROVAL	(01/29/91)	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/91)	(08/31/91)	(09/30/91T)	(--/--/--)	TVA: send letter as result of 9/4 and 9/5 telecon.
N79717		[8]	PM	2	RN	WATTS BAR 1 - SEISMIC DESIGN CONCERNS ORIGINATING FROM FSAR AMEND 64 OPEN ISSUE 19	(01/04/91)	(--/--/--)	(08/22/91)	(07/31/91C)	(10/31/91)	(10/30/91)	(10/31/91T)	(--/--/--)	See SSER 6 for details. See attach. for details.
N79718		[5]	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)	(10/31/91)	(10/31/91)	(11/30/91T)	(--/--/--)	See SSER 6 for details. See attach. for details.
N79992		[6]	TS	2	RN	WATTS BAR 1 - SAFETY AND RELIEF VALVE TESTING (TMI 11.D.1)	(03/21/91)	(--/--/--)	(03/21/91)	(07/11/91C)	(12/31/91)	(12/31/91)	(12/31/91T)	(03/31/92T)	7/11/91 response to G. Hammer today, 7/17/91.
N80141		[5]	TS	2	RN	WATTS BAR 1 - ALTERNATIVE TO ASME SECTION III, SUBSECTION NP-2000	(04/11/91)	(--/--/--)	(07/29/91)	(--/--/--)	(08/30/91)	(08/30/91)	(09/30/91T)	(--/--/--)	SE being issued to close this action.
N80143		[5]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT NO. 65 REVIEW	(04/10/91)	(--/--/--)	(07/11/91)	(08/12/91C)	(05/30/92)	(12/30/91)	(12/30/91T)	(--/--/--)	TVA: respond to ^{6/20} RAI by 9/30.
N80150		[11]	TS	2	RN	WATTS BAR 1 - CONTAINMENT EFFECTS DUE TO REMOVAL OF PPODM INJECTION TANK	(10/18/90)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--I)	(12/31/91)	(12/31/91T)	(--/--/--)	Started by TVA letter of 5/2/84. Submittal when?
N80451		[4]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 66 REVIEW	(05/20/91)	(--/--/--)	(--/--/--)	(--/--/--)	(01/02/92)	(12/31/91)	(12/31/91T)	(--/--/--)	Under review.
N80492		[4]	TS	2	PR	WATTS BAR 1 - TIA ON CABLE PROBLEM ALLEGATION REPORT 91-90-A-6192	(05/16/91)	(--/--/--)	(--/--/--)	(--/--/--)	(09/10/91)	(09/31/91)	(09/15/91T)	(--/--/--)	No TVA action needed.

NR1043	[2]	TS	2	RW	WATTS BAR 1 - USE OF EAGLE 21 PROCESS PROTECTION SYSTEM	(07/10/91) (---/---) (---/---) (---/---) (---/---) (05/31/92) (05/31/92) (---/---) H. Li and J. Ibarra are reviewers. TVA: SE needed when?
NR1154	[2]	TS	2	RW	WATTS BAR 1 - CHANGES TO ECES MODEL	(07/22/91) (---/---) (---/---) (---/---) (---/---) (10/31/91) (10/31/91) (---/---) Awaiting SRFR to accept work request.
NR1221	[1]	TS	2	LN	WATTS BAR 1 - FSAR AMENDMENT 67 REVIEW	(08/01/91) (---/---) (---/---) (---/---) (---/---) (12/31/91) (12/31/91) (---/---) Under review.
RO0508	[29]	IS	2	RW	*WATTS BAR UNIT 1: CORRECTIVE PROGRAM (CAP) PLAN FOR CONDUIT SUPPORT INSTALLATION*	(05/22/89) (---/---) (01/04/91) (08/22/91) (12/31/91) (08/31/92) (08/31/92) (08/31/92) 8/22/91 letter under review. TVA priority score 160.
RO0510	[28]	IS	2	RW	*WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR HAVACDUIT AND DUCT SUPPORTS*	(05/22/89) (---/---) (01/04/91) (06/28/91) (12/31/91) (12/31/92) (12/31/92) (12/31/92)
RO0512	[28]	IS	2	RW	*WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) FOR HANGER AND ANALYSIS UPDATE PROGRAM (HAUUP)*	(05/22/89) (---/---) (01/04/91) (07/31/90) (12/31/91) (12/31/92) (12/31/92) (10/31/92) Audit needed to close IR issues.

Condensed Project Manager Report

TaskID	HPA Num	Age (Mon)	Rev Mth	Pri	Actyp	Title	IR			Licensing			Comments		
							Appl Date	Act Start	RAI Issued	RAI Response	TR Comp	Request Coop		Action Complete	Licensee Impl.
R00514	[28]	TS	2	RW		*WATTS BAR UNIT 1: CORRECTIVE ACTION	(05/22/89)	(--/--)	(01/04/91)	(06/06/91C)	(06/30/92)	(12/31/91)	(03/31/93T)	(01/31/93T)	Calc. program audit, 9/9/91.
R00516	[28]	TS	2	RW		*WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (EAP) PLAN FOR CATEGORY 1 CABLE TRAY AND CABLE SUPPORTS	(05/22/89)	(--/--)	(01/04/91)	(06/28/91C)	(12/31/91)	(12/31/91)	(11/30/93T)	(11/30/93T)	Audit needed to close IR issues. TVA priority score 168.
Not Scheduled Actions															
M40309	[30]		2	DZ		*WATTS BAR 1 - PROJECT MANAGEMENT ADMINISTRATION*	(03/15/89)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	
N72374	[0]	TS	3	DZ		*WATTS BAR 1 LICENSEE PERFORMANCE EVALUATION*	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	
N72494	[30]		2	DZ		*WATTS BAR 1 - HEADQUARTERS FOCAL POINT FOR INFORMATION AND COMMUNICATIONS*	(03/08/89)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	(--/--)	
N72613	[0]		3	DZ		*WATTS BAR 1 - SALP REPORT PREPARATION AND MEETING ATTENDANCE*	(--/--)	(--/--)	(--/--)	(--/--)	(05/20/91C)	(--/--)	(--/--)	(--/--)	

CIVIL/SEISMIC ISSUES STATUS

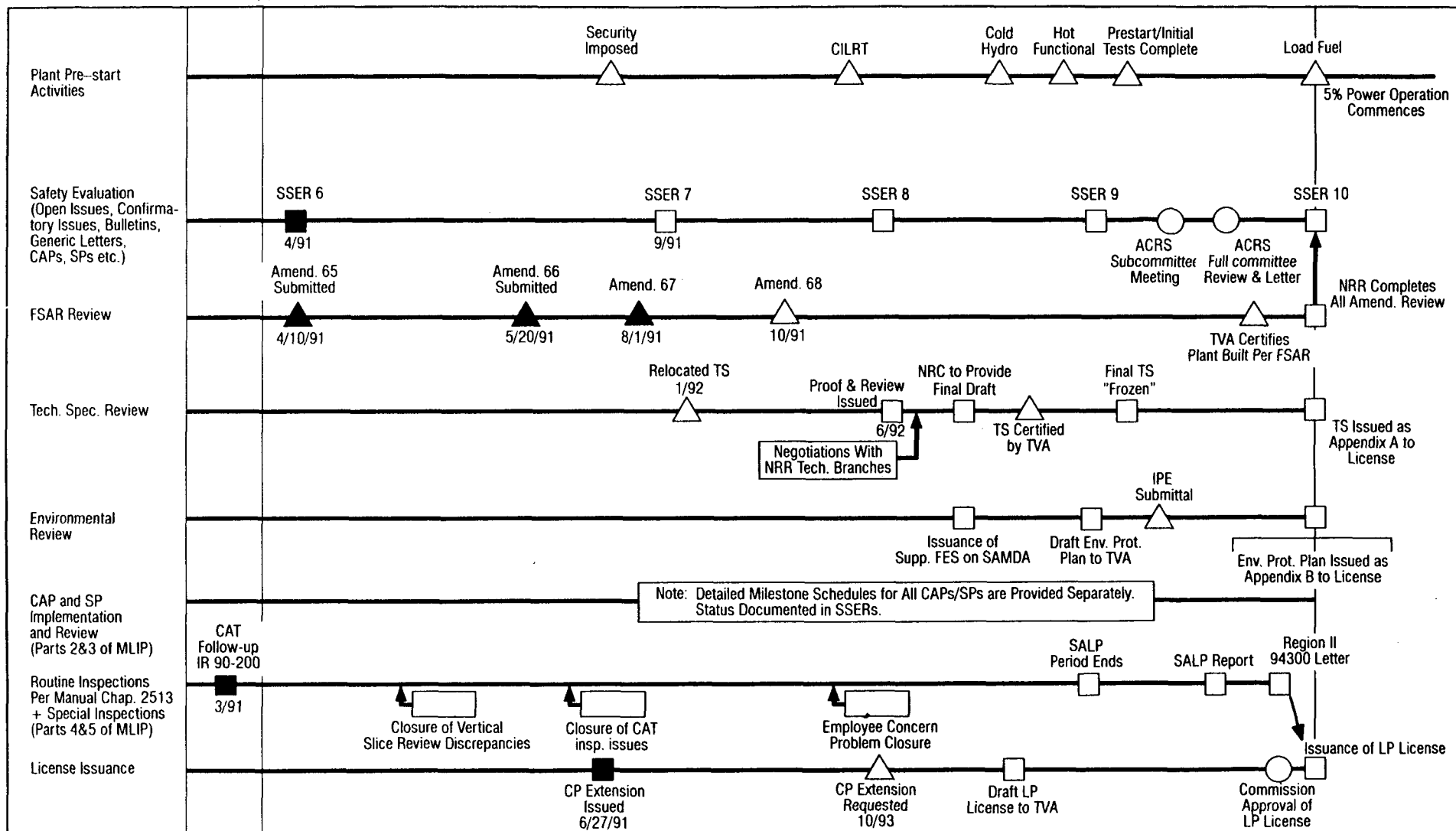
<u>SSER#</u>	<u>Subject</u>	<u>Reviewer</u>	<u>TVA letters</u>	<u>NRC date*</u>
19 (a)	No. of OBE events (TAC 79717, 80346)	Fair	5/8	9/91
19 (b)	1.2 multi-mode fact. (TAC 79717, 80346) Note: Topic of 9/4 telecon.	Fair	6/3	9/91
19 (c)	Code usage (TAC 79717, 80346)	Fair	7/31	9/91
19 (d)	Conduit damping values (TAC 79717, 80346)	Fair	5/8, 8/22	9/91
19 (e)	Worst, critical case (TAC R00508, 510, 516) Note: Need audit to come to final conclusion, probably to be done as part of IDI audit in early '92. Can Fair generate some "general" SE before that?	Fair	6/28	?
19 (f)	Mass eccentricities (TAC 79717, 80346) Note: SE coming, will find response acceptable.	Kim	5/8	10/91
19 (g)	Set A vs. set B (TAC 79717, 80346) Note: Topic of 9/9 audit.	(Awaiting submittal)		
19 (h)	Cat. 1(L) piping (TAC 79717, 80346) Note: TVA to revise submittal by 9/24 as result of 9/4 telecon.	Fair	12/18/91	9/91
19 (i)	Press. relief devices (TAC 79717, 80346)	Hammer	5/8, 6/21	Closed 7/31
19 (j)	Structural issues (TAC 79717, 80346) Note: Will inform TVA of review result on 9/30/91. SE to follow by 11/30/91.	Kim	5/8, 8/22	11/91
19 (k)	Update FSAR (TAC 79717, 80346)	(Awaiting amendment)		
20 (a)	FW check valve slam (TAC 79718, 80345) Note: Site visit scheduled for 9/24-9/25.	Fair	8/22	9/91

* Date before which NRR will either complete the review or state its position on the issue.

20 (b)	Support stiffness (TAC 79718, 80345)	Fair	4/18, 7/31	9/91
	Note: Topic of 9/4 telecon. TVA and NRC both checking need to revise FSAR.			
4 (a)	Equip. seismic qual. (TAC 71919)	Fair	5/8, 8/22	9/91
18	Cable tray classi. (R00508, 516)	Fair	5/8, 8/22	9/91
	Note: Considered very tough issue. TVA reconsidering position as result of 9/4 telecon. Revised submittal coming to NRC.			
---	Bulletin 79-02 (TAC 63625)	Fair	1/31, 7/26	9/91
	Note: SE coming, finding submittals acceptable.			
---	DBA spectra, LBB (TAC 79692, 79693)	Fair/ D'Angelo	1/29	9/91
	Note: Revised submittal coming as result of 9/4 and 9/5 telecon.			

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

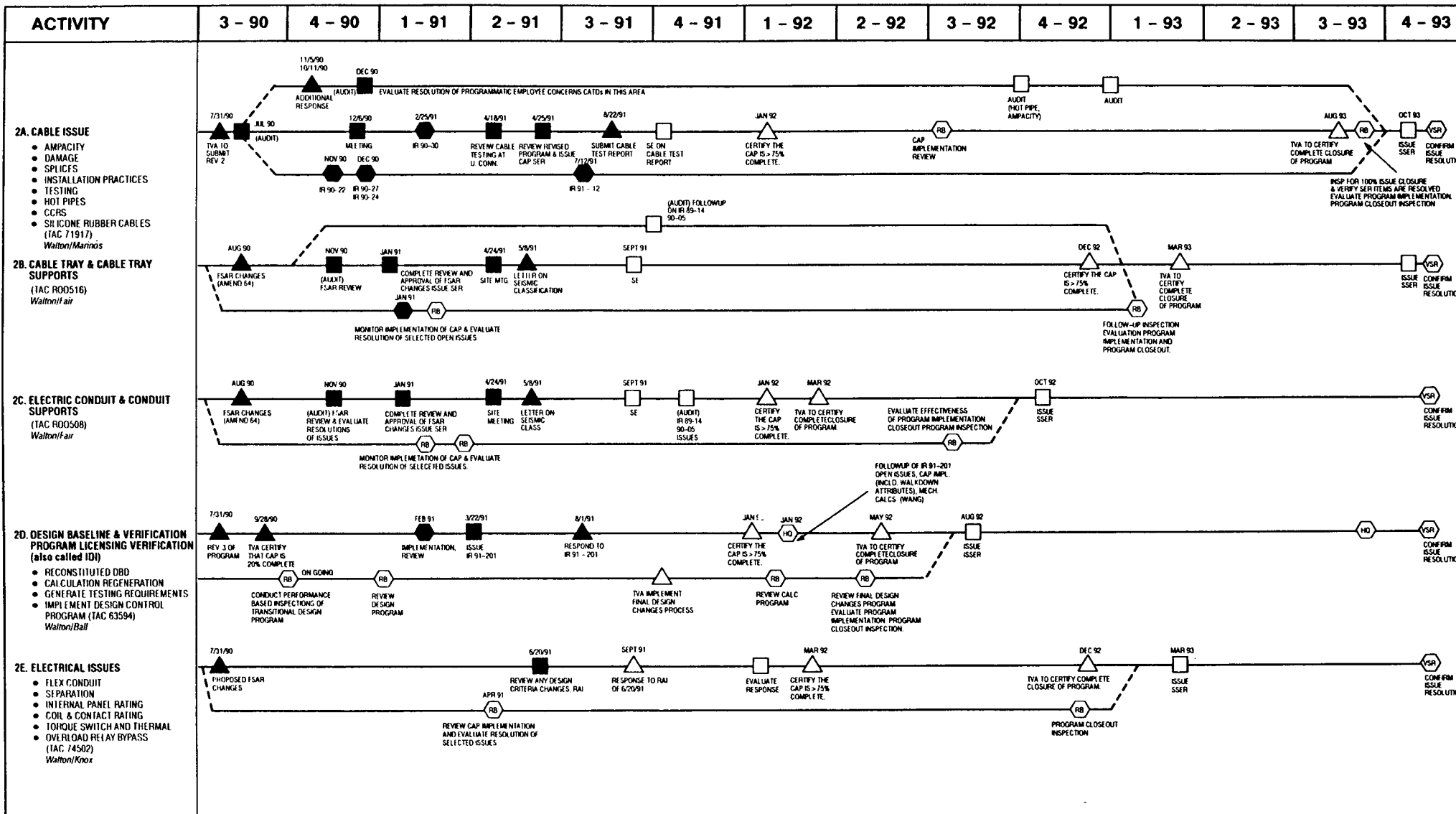
4/91



□ = NRC Milestones △ = TVA Milestones ○ = Meetings ▲ = Date not defined

Enclosure 3

WATTS BAR UNIT 1 CAPS



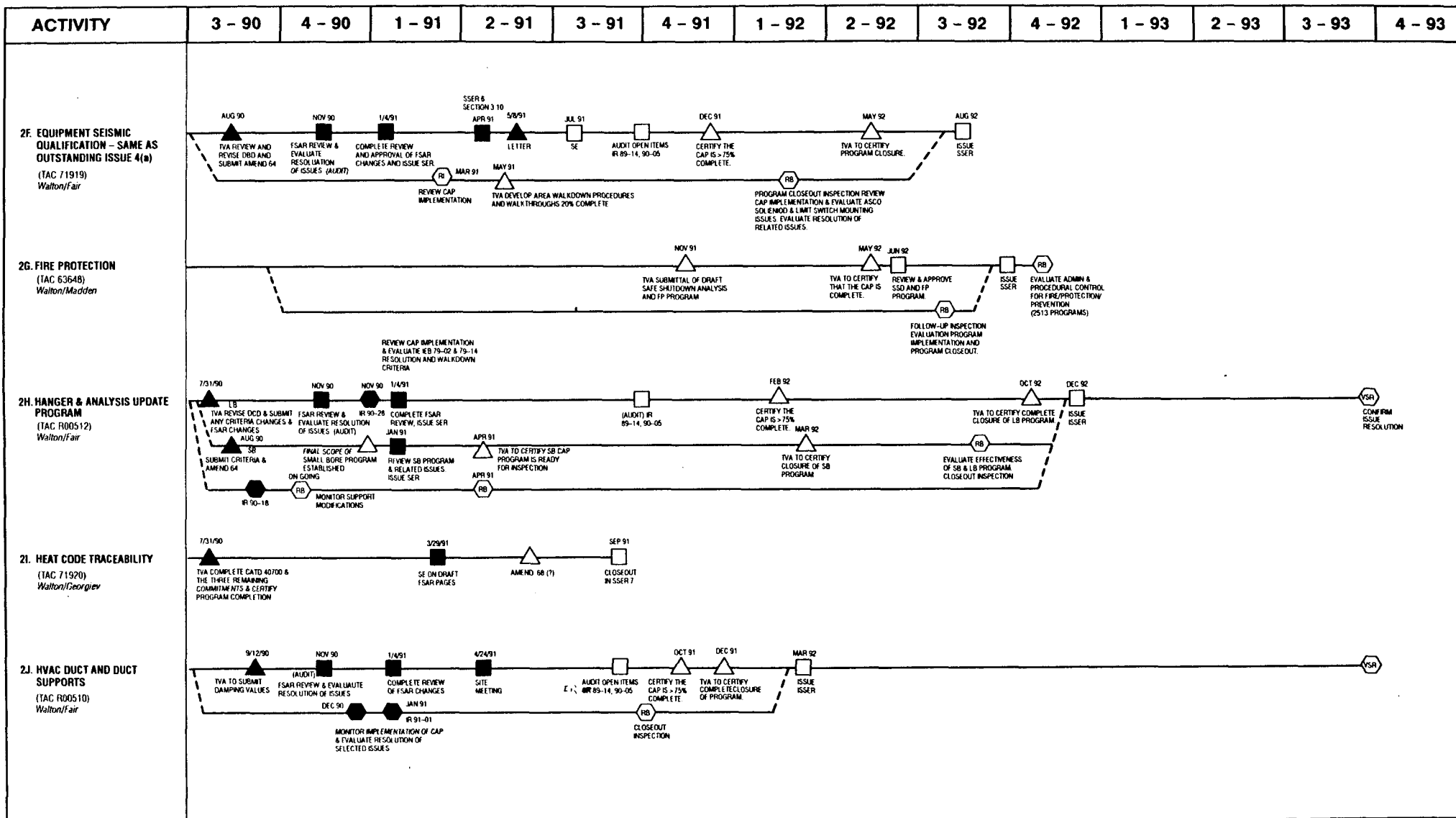
LEGEND = TVA MILESTONE = NRC LICENSING MILESTONE = INSPECTION MILESTONE = TEAM INSPECTION = HEADQUARTERS INSPECTION = RESIDENT INSPECTOR INSPECTION = REGIONAL BASED INSPECTION = VERTICAL SLICE REVIEW

NOTE: If no date is shown for a milestone, its location alone does not indicate schedular commitment.

WATTS BAR UNIT 1 CAPS

Date 9/91

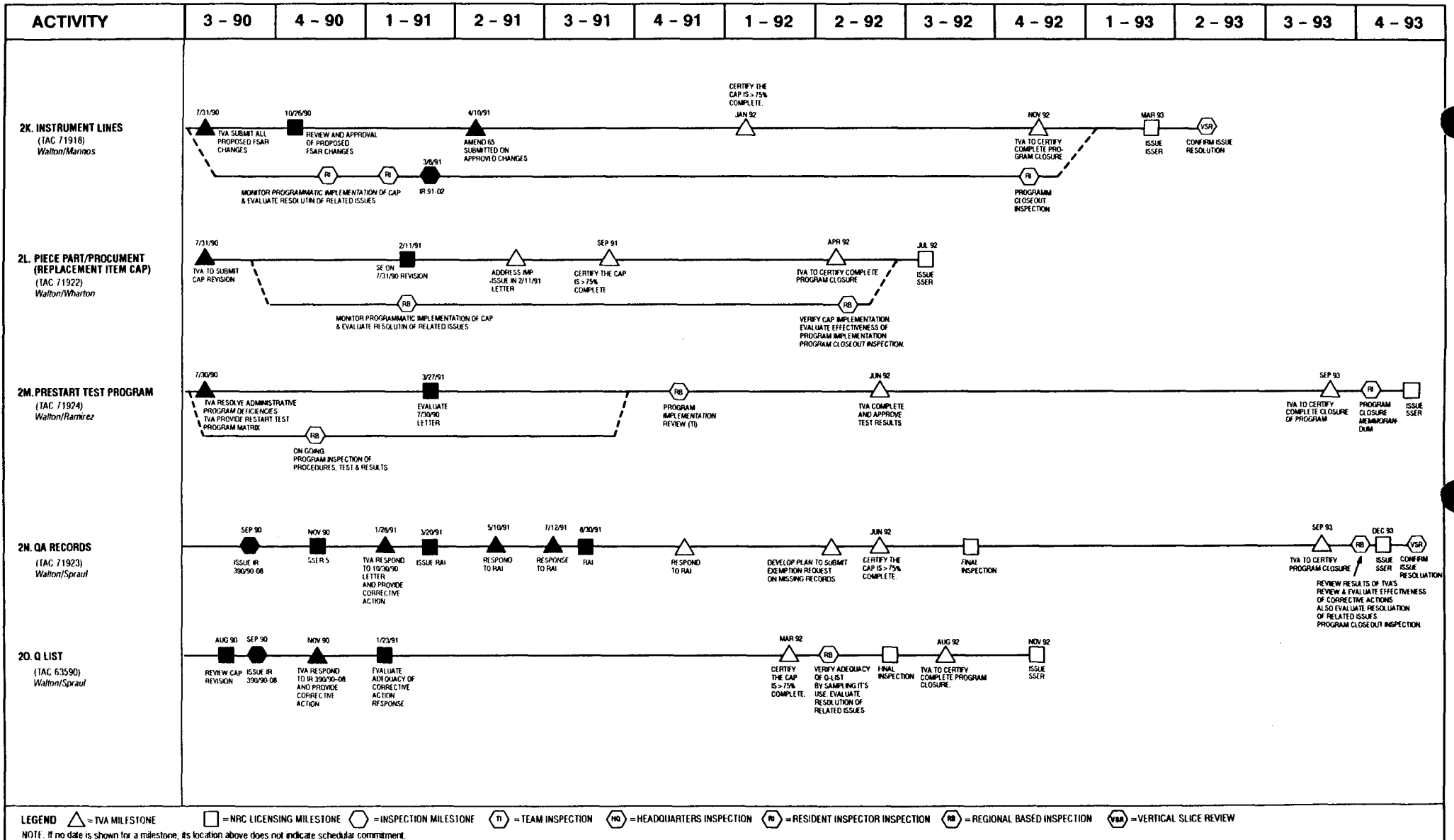
Page 3



LEGEND = TVA MILESTONE = NRC LICENSING MILESTONE = INSPECTION MILESTONE = TEAM INSPECTION = HEADQUARTERS INSPECTION = RESIDENT INSPECTOR INSPECTION = REGIONAL BASED INSPECTION = VERTICAL SLICE REVIEW

NOTE: If no date is shown for a milestone, its location alone does not indicate scheduled commitment.

WATTS BAR UNIT 1 CAPS

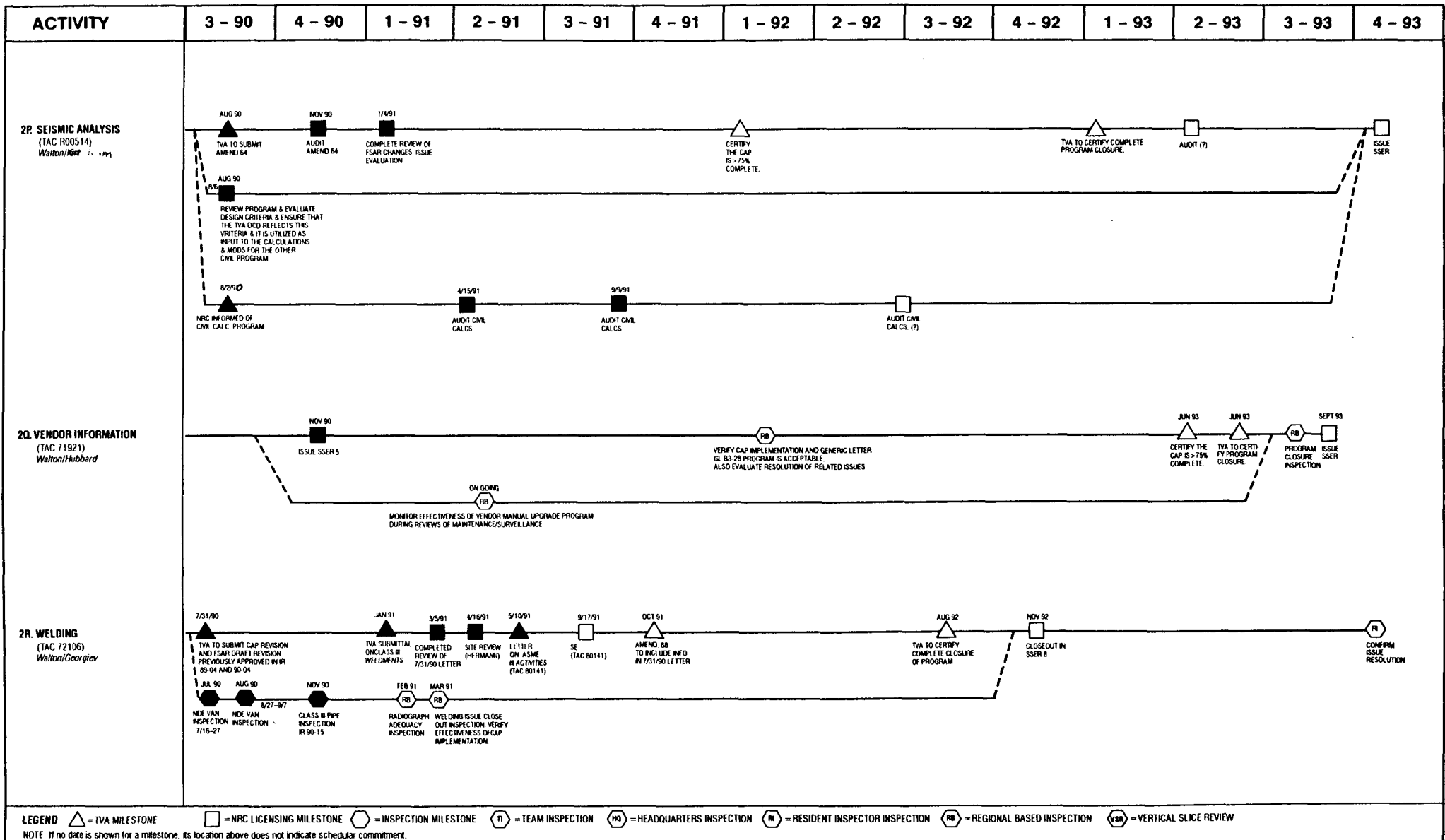


LEGEND ▲ = TVA MILESTONE □ = NRC LICENSING MILESTONE ○ = INSPECTION MILESTONE (TI) = TEAM INSPECTION (HQ) = HEADQUARTERS INSPECTION (RI) = RESIDENT INSPECTOR INSPECTION (RB) = REGIONAL BASED INSPECTION (VSR) = VERTICAL SLICE REVIEW
 NOTE: If no date is shown for a milestone, its location above does not indicate scheduler commitment.

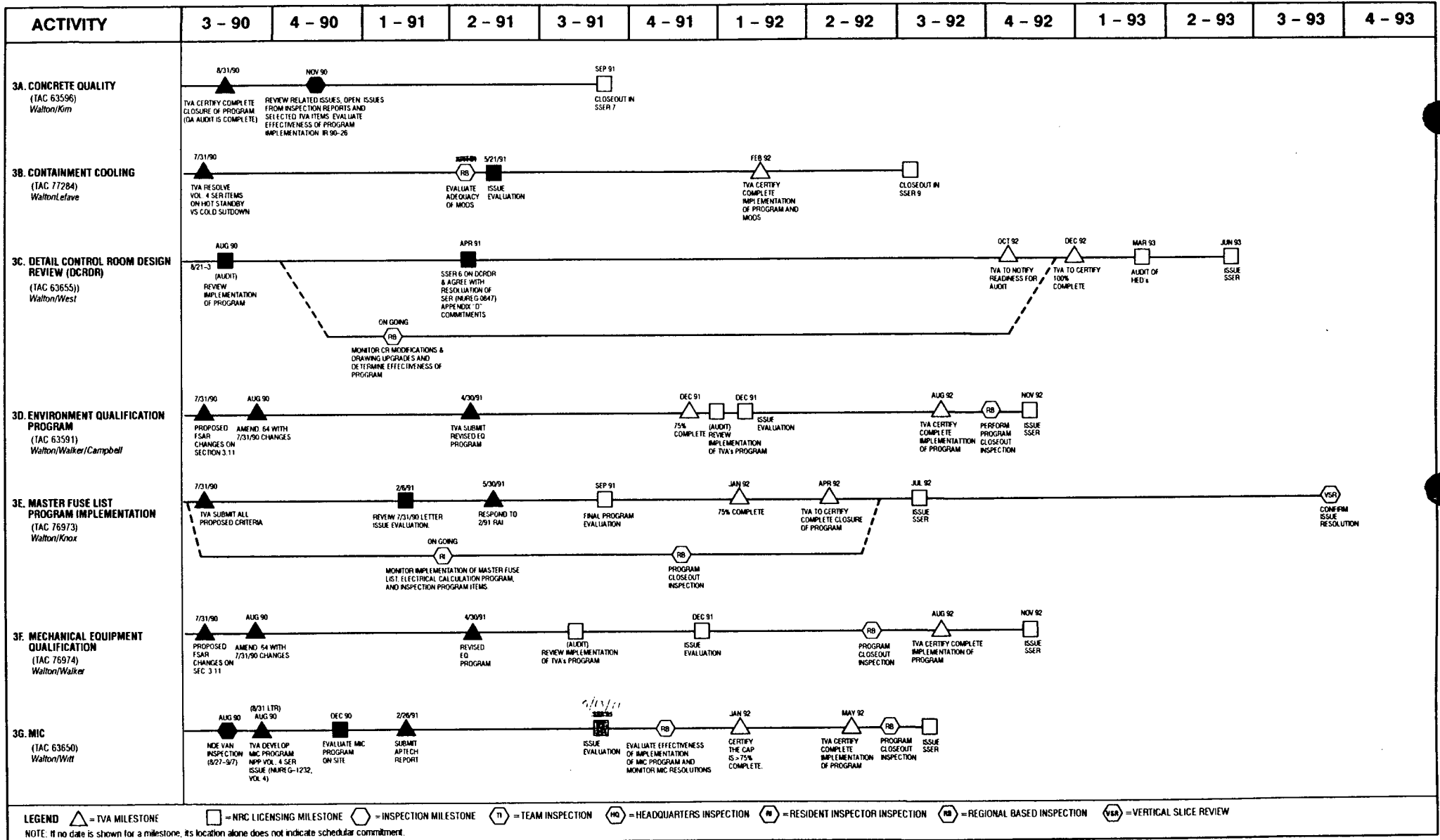
WATTS BAR UNIT 1 CAPS

Dated 9/91

Page 5



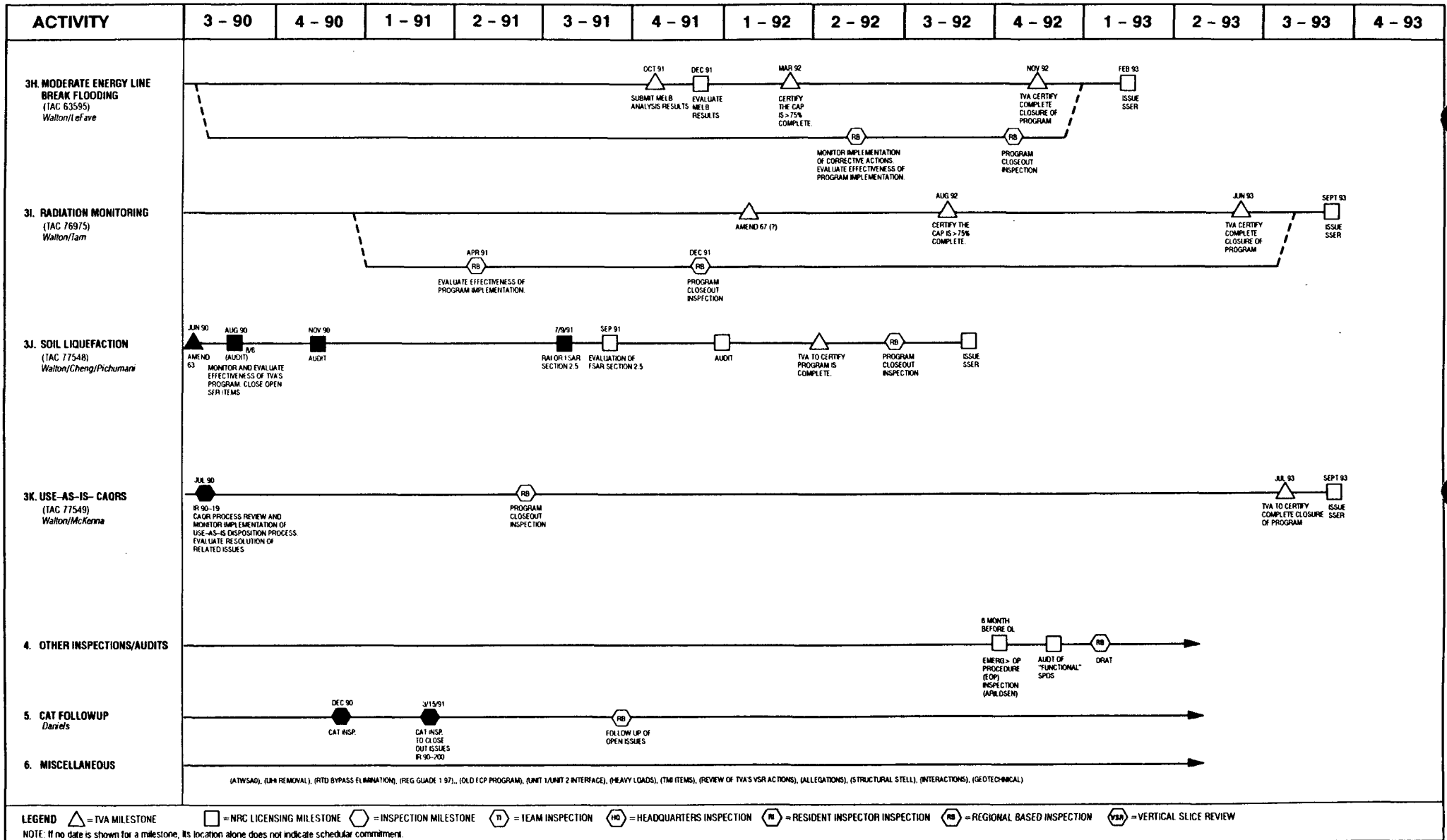
WATTS BAR UNIT 1 SP & MISCELLANEOUS ISSUES



LEGEND ▲ = TVA MILESTONE □ = NRC LICENSING MILESTONE ○ = INSPECTION MILESTONE ◻ = TEAM INSPECTION ◻ = HEADQUARTERS INSPECTION ◻ = RESIDENT INSPECTOR INSPECTION ◻ = REGIONAL BASED INSPECTION ◻ = VERTICAL SLICE REVIEW

NOTE: If no date is shown for a milestone, its location alone does not indicate schedular commitment.

WATTS BAR UNIT 1 SP & MISCELLANEOUS ISSUES



Distribution

Docket File

NRC PDR

Local PDR

F. Miraglia 12-G-18

J. Partlow 12-G-18

S. Varga 14-E-4

G. Lainas 14-H-3

F. Hebdon

S. Black

M. Sanders

P. Tam

B. Wilson RII

J. Weschelberger 17-G-21

M. Branch RII

G. Walton RII

K. Barr RII

H. Livermore RII

OGC 15-B-18

E. Jordan MNBB-3701

ACRS (10)

WBN Rdg. File