

June 4, 1991

Docket Nos. 50-390
50-391

LICENSEE: Tennessee Valley Authority (TVA)
FACILITY: Watts Bar Nuclear Plant, Units 1 and 2
SUBJECT: MEETING SUMMARY - MAY 22, 1991 ROUTINE MEETING ON STATUS OF
VARIOUS LICENSING ISSUES (TAC 72494 AND 72495)
REFERENCES: Revised Meeting Notice by P. S. Tam (NRC), May 15, 1991

On May 22, 1991, NRC and TVA representatives met at NRC offices at Rockville, Maryland 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), and various flow charts showing milestones for the CAPs and the SPs (see Enclosures 2 and 3). Annotations in Enclosure 2 represent the staff's understanding of the current status of each action.

The staff acknowledged receipt of TVA's request, dated May 16, 1991, to extend the construction permit for each unit.

TVA requested the staff to assign high priority to review the following civil engineering issues: use of multi-mode factor of 1.2 (SSER 6 Outstanding Issue 19(b)), feedwater check valve slam (SSER 6 Outstanding Issue 20(a)), and walkthrough methodology and scope. The staff stated that materials must be properly docketed before the staff can commence any review.

The next licensing status meeting will take place, in late June.

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

9106100157 910604
PDR ADDCK 05000390
A PDR

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-DD	:PDII-4/D	:
NAME	:MSanders <i>ms</i>	:PTam:dw <i>PST</i>	:SBlack <i>SB</i>	:FHebdon <i>FH</i>	:
DATE	: 6/ 4 /91	: 6/ 4 /91	: 6/ 4 /91	: 6/ 4 /91	:

Document Name: WBN MEETING SUMMARY

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Enclosure 1

Attendance list

Watts Bar Routine Licensing Status Meeting

May 22, 1991

<u>Name</u>	<u>Organization</u>
S. Black	NRC/NRR
M. Bryan	TVA Site Licensing
F. Hebdon	NRC/NRR
R. Mays	TVA Site Licensing
G. Pannell	TVA Site Licensing
P. Tam	NRC/NRR
E. G. Wallace	TVA/Corporate Licensing

Plant	TaskID	MPA Num	Age (Mo)	Rev	Rev Mth	Pri	Actyp	PA Code	Title	Appl Date	Accept Review Complete	TR Plan Start	Manager TR Act Start	Report RAI Issued	RAI Response	TR Comp	Request Comp	Licensing Action Complete	Licensee Impl.	Appl. Accession	Impl. Accession	QA LCK
Active Actions																						
WATTS BAR	M63590		[24]		TS	2	RO	1111	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: Q - LIST.	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(08/16/90C)	(11/07/90C)	(.../.../...)	(01/31/91)	(08/30/91T)	(05/31/91T)		8905260083	()
									PD22 SPLBD LPBEC SPLBA													
									TVA plans to respond to comments of 1/23/91, even NRC did not request													
WATTS BAR	M63591		[56]		TS	2	RO	1111	WATTS BAR 1 - SPECIAL PROGRAM: EQUIPMENT QUALIFICATION OPEN ISSUE 4	(09/30/86)	(10/31/86C)	(.../.../...)	(.../.../...)	(.../.../...)	(04/30/91C)	(10/04/91)	(10/31/91)	(10/31/91T)	(07/31/91T)		8610070005	()
									SPLBD													
									Under review.													
WATTS BAR	M63592		[11]		TS	2	RO	1111	WATTS BAR 1 - SPECIFIC ORGANIZATION, SECTION 13.1, 13.4, PROPOSED L.C. 25, 26	(06/27/90)	(06/30/90C)	(.../.../...)	(.../.../...)	(12/17/90C)	(04/18/91C)	(.../.../...)	(02/28/92)	(03/31/92T)	(.../.../...)		9007030147	()
									LPBEC													
									Topical report with plant-specific info. under review; will be done soon.													
WATTS BAR	M63594		[24]		TS	2	RO	1111	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: DESIGN VERIFICATION AND LICENSING BASELINE PROGRAM	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(07/31/90C)	(.../.../...)	(09/30/92)	(09/30/92T)	(06/30/92T)		8905260083	()
									PD22 ESGB OTSBA RS1BA RS1BB													
									TVA responds to IR 91-201 by 6/30/91													
WATTS BAR	M63595		[24]		TS	2	RO	1111	WATTS BAR 1 - SPECIAL PROGRAM: MODERATE ENERGY LINE BREAK FLOODING (SECTION 3.6.1)	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/26/90C)	(10/18/91)	(03/31/92)	(04/30/92T)	(01/31/92T)		8905260083	()
									SPLBA													
									Submitted ~ 7/91													
WATTS BAR	M63597		[31]		TS	3	RO	1111	WATTS BAR 1 - CONTAINMENT ISOLATION REVIEW	(10/20/88)	(.../.../...)	(.../.../...)	(.../.../...)	(03/15/89C)	(05/12/89C)	(09/20/91)	(12/31/91)	(12/31/91T)	(09/30/91T)		8810250395	()
									SPLBB OTSBA PD22 XXXX1 PD31													
									No NRC action until new fuel load date is announced.													
WATTS BAR	M63599		[54]		TS	2	RO	1111	WATTS BAR UNIT 1 - OUTSTANDING ISSUE 21: RTD BYPASS MODIFICATION	(11/03/86)	(11/30/86C)	(.../.../...)	(.../.../...)	(01/08/91C)	(05/31/91T)	(.../.../...)	(07/31/91)	(08/30/91T)	(.../.../...)		8611100027	()
									SICBB XXXX1 SRXBB SPLBD													
									Respond to RAI ~ 5/91													
WATTS BAR	M63605		[64]		TS	2	RO	1111	WATTS BAR 1 - UNCONTROLLED ROD WITHDRAWAL W/PUMPS OPERATING & BREAKERS CLOSED	(01/10/86)	(.../.../...)	(.../.../...)	(.../.../...)	(06/21/85C)	(01/10/86C)	(.../.../...)	(04/30/91)	(05/15/91L)	(.../.../...)		8601170512	()
									SRXBC XXXX1													
									Under review													
WATTS BAR	M63606		[70]		TS	2	RO	1111	WATTS BAR 1 - 5TH DIESEL GENERATOR	(07/23/85)	(07/31/85C)	(.../.../...)	(.../.../...)	(07/28/86C)	(07/31/91T)	(09/28/91)	(09/30/91)	(09/30/91T)	(.../.../...)		8507300121	()
									SELBB													
									Partial response to RAI ~ 7/91													
WATTS BAR	M63625		[69]		TS	2	MBR	1111	WATTS BAR 1 - IEB 79-02 (SECT 3.9.3.4), COMP. ISSUE 9	(08/22/85)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(01/31/91C)	(08/30/91)	(09/30/91)	(10/31/91T)	(.../.../...)		8508270099	()
									EMBA													
									Awaiting submittal by 7/15/91													

Plant	TaskID	MPA Num	Age (Mon)	Rev.	Rev Mth	Prj. Acty	PA Code	Title	Appl Date	Accept Review Complete	TR Plan Start	TR Act Start	RAI Issued	RAI Response	TR Comp	Request Comp	Licensing Action Complete	Licensee Impl.	Appl. Accession	Impl. Accession	QA LCK	
WATTS BAR	M63627		[76]		TS	2	RO	1111	WATTS BAR 1 - PRESERVICE INSPECTION PROGRAM, OPEN ISSUE 5	(01/30/85)	(.../.../...)	(.../.../...)	(10/09/90C)	(12/11/90C)	(06/30/91)	(06/30/91)	(06/30/91T)	(.../.../...)	8502070281		()	
									<p><i>Waiting TVA revision of PSI program in 1992</i> <i>(Can it be sooner?)</i></p>													
WATTS BAR	M63632		[12]		TS	2	RO	1111	WATTS BAR 1 - MSLB OUTSIDECONTAINMENT (SECT 9.11.3.3)	(05/04/90)	(.../.../...)	(.../.../...)	(06/04/90C)	(01/31/92T)	(.../.../...)	(03/31/92)	(04/30/92T)	(.../.../...)	9005100007		()	
									<p><i>EMCBC</i> <i>EMCBB</i> <i>Submittal by 1/92</i></p>													
WATTS BAR	M63644		[9]		TS	2	RO	1111	WATTS BAR 1 - HYDROGEN/OXYGEN MONITORING SYSTEM (SEC 11.3)	(08/29/90)	(08/31/90C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(05/30/91)	(05/31/91)	(05/31/91T)	(.../.../...)	9009060017		()
									<p><i>OTSBA</i> <i>Under review</i></p>													
WATTS BAR	M63647		[9]		TS	3	RO	1111	WATTS BAR 1 - HEALTH PHYSICS PROGRAM (SECT 12.6)	(08/15/90)	(08/31/90C)	(.../.../...)	(.../.../...)	(10/19/90C)	(01/03/91C)	(.../.../...)	(07/31/91)	(07/31/91T)	(.../.../...)	9008170080		()
									<p><i>SPLBA</i> <i>Calc. to be done by ~6/91, then R. Pedersen visits site.</i></p>													
WATTS BAR	M63648		[10]		TS	2	RO	1111	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: FIRE PROTECTION, OPEN ISSUE 12, CONF. ISSUE 38, LIC. COND 20	(07/25/90)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(10/31/91T)	(08/02/91)	(01/31/92)	(01/31/92T)	(07/31/91T)		()	
									<p><i>PRPBA</i> <i>Submittal ~ 10/91</i></p>													
WATTS BAR	M63649		[75]		TS	2	RO	1111	WATTS BAR 1 - POWER SYSTEM CONCERNS, CONF. 28-35, LIC. COND. 15, 17	(02/06/85)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(07/15/91)	(07/31/91)	(08/31/91T)	(.../.../...)	8502120254		()
									<p><i>KKCK1</i> <i>SPLBC</i> <i>NRC trying to close based on R. Mays information</i></p>													
WATTS BAR	M63650		[24]		TS	2	RO	1111	WATTS BAR 1 - SPECILA PROGRAM: MICROBIOLOGICALLY INDUCED CORROSION	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(02/26/91C)	(12/31/91)	(06/15/91)	(07/31/91T)	(06/30/92T)	8905260083		()
									<p><i>SELBB</i> <i>APTECH report under review, need TVA response to GL 90-05</i></p>													
WATTS BAR	M63651		[9]		TS	3	RO	1111	WATTS BAR 1 - INITIAL TEST PROGRAM, REVIEW OF PSAR AMENDMENT	(08/31/90)	(08/31/90C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(04/30/91)	(05/31/91T)	(10/31/90C)	NA	NA	(L)
									<p><i>EMCBC</i> <i>SE and RAI on Amend. 56-63 coming</i></p>													
WATTS BAR	M63655		[24]		TS	2	RO	1111	WATTS BAR 1 - SPECIAL PROGRAM: CONTROL ROOM DESIGN REVIEW	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(09/30/91)	(11/30/91T)	(08/31/91T)	8905260083		()
									<p><i>LPBBA</i> <i>Site audit before OL issuance</i></p>													
WATTS BAR	M63656		[54]		TS	3	RO	1111	WATTS BAR 1 - EMERGENCY PLANNING LIC. COND. 27	(11/18/86)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/30/92)	(06/30/92T)	(11/30/92T)		()	
									<p><i>LIPBA</i> <i>KKCK1</i> <i>SPLBA</i> <i>PDAR</i> <i>Can TVA improve proposed submittal date of 1/93?</i></p>													
WATTS BAR	M63657		[10]		TS	2	RO	1111	WATTS BAR 1 - PHYSICAL SECURITY PLAN (SECT 13.6)	(07/27/90)	(07/31/90C)	(.../.../...)	(.../.../...)	(.../.../...)	(11/05/90C)	(.../.../...)	(09/30/91)	(09/30/91T)	(12/31/91T)	9008070239		()
									<p><i>PEPBA</i> <i>NRR reviewer plans to visit site in 6/12-14/91</i></p>													
WATTS BAR	M68624	A022	[35]		TS	2	RO	1111	WATTS BAR 1 - IMPLEMENTATION OF THE STATION BLACKOUT RULE, 10CFR50.63	(06/21/88)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(01/31/92)	(12/31/92)	(12/31/92T)	(.../.../...)		()	
									<p><i>RSGB</i> <i>Submittal by early 1992</i></p>													

Plant	TaskID	MPA Num	Age (Mos)	Rev	Rev Mth	Pri	AcTyp	PA Code	Title	Appl Date	Accept Review Complete	TR Plan Start	Manager TR Act Start	Report RAI Issued	RAI Response	TR Comp	Request Comp	Licensing Action Complete	Licensee Impl.	Appl. Accession	Impl. Accession	QA LCK	
WATTS BAR	M58848	X805	[0]	TS	3	MBR		1111	"WATTS BAR 1 - NONCONFORMING PIPING MATERIALS (BULLETIN 88-05)" <i>Submittal by 12/91.</i>	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(06/30/92)	(06/30/92)	(.../...)			()	
									PDLRB							07/03/89C						()	
WATTS BAR	M59706	X808	[9]	TS	2	MBR		1111	"WATTS BAR 1 - BULLETIN 88-08: THERMAL STRESSES IN PIPE CONNECTED TO RCS" <i>Under review</i>	(08/06/90)	(08/09/90C)	(.../...)	(.../...)	(.../...)	(.../...)	(07/31/91)	(07/31/91)	(08/30/91T)	(.../...)	9008090142		()	
									DMEBA EMCB				11/26/88 06/01/91			03/31/91C 07/31/91						()	
WATTS BAR	M71917		[24]	TS	2	RO		1111	"WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR CABLE ISSUES" <i>Brand Rex test results to be submitted by 6/30/91.</i>	(05/22/89)	(05/31/89C)	(.../...)	(.../...)	(.../...)	(07/31/90C)	(12/31/91)	(03/08/92)	(11/30/92T)	(09/30/92T)	8905260083		()	
									SICBC EMEB PD13 PD22 XXXX1			07/16/90 05/06/91	09/30/89 03/02/91			09/06/91 12/31/91						()	
WATTS BAR	M71919		[24]	TS	2	RO		1111	"WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) - EQUIPMENT SEISMIC QUALIFICATION" <i>SSER 6. Audit in Fall '91.</i>	(05/22/89)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(12/31/91)	(06/30/91)	(05/31/92T)	(03/31/92T)	8905260083		()	
									PD22 ESCB EMEB ESGBA			03/25/89 05/06/91				03/05/91C 12/31/91						()	
WATTS BAR	M71923		[24]	TS	2	RO		1111	"WATTS BAR 1 CORRECTIVE ACTION PROGRAM (CAP) FOR QA RECORDS" <i>Under review</i>	(05/22/89)	(.../...)	(.../...)	(.../...)	(03/20/91C)	(05/10/91C)	(.../...)	(07/31/91)	(04/30/92T)	(01/31/92T)	8905260083		()	
									PD22 LPBEC SPLBA SPLBD			10/28/89 10/13/90				06/04/90C 12/31/90C						()	
WATTS BAR	M72106		[24]	TS	2	RO		1111	"WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR WELDING ISSUES" <i>Which amend. would have approved change pages?</i>	(05/22/89)	(.../...)	(.../...)	(.../...)	(.../...)	(07/31/90C)	(09/30/91)	(09/30/91)	(03/31/92T)	(.../...)	8905260083		()	
									EMCBB			03/21/91	07/28/90			09/30/91						()	
WATTS BAR	M72181	X811	[0]	TS	2	MBC		1111	"WATTS BAR 1 - BULLETIN 88-11 PRESSURIZER SURGELINE THERMAL STRATIFICATION" <i>Submittal after initial criticality</i>	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(09/30/91)	(09/30/91)	(10/31/91T)	(.../...)	8812150118		()	
									PDLRB EMBC			03/04/91	03/23/91			09/30/91						()	
WATTS BAR	M72374		[0]	TS	3	RO		1111	"WATTS BAR 1 LICENSEE PERFORMANCE EVALUATION" <i>Under review</i>	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	NA		()
									LPBEC PD22			07/28/90										()	
WATTS BAR	M72693	X809	[26]	TS	2	MBC		1111	"WATTS BAR 1 - THIMBLE THINNING IN PWR'S (BULLETIN 88-09)" <i>Submittal after fuel load</i>	(03/15/89)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(.../...)	(12/31/91)	(12/31/91T)	(.../...)			()	
									PD22													()	
WATTS BAR	M73723	P072	[22]	TS	2	MGR		1111	"WATTS BAR - MPA F-72: SAFETY PARAMETER DISPLAY SYSTEM RESPONSE TO GL 89-06" <i>SSER 6. Review ongoing.</i>	(07/11/89)	(.../...)	(.../...)	(.../...)	(.../...)	(11/01/90C)	(.../...)	(04/30/92)	(04/30/92T)	(.../...)	8907140269		()	
									LHFBA SICBA			12/16/90	09/16/89			12/12/90C						()	
WATTS BAR	M74488	B111	[19]	TS	3	MGR		1111	"WATTS BAR 1 - INDIVIDUAL PLANT EVALUATIONS (GL 88-20)" <i>Submittal by 9/92.</i>	(10/30/89)	(01/12/90C)	(.../...)	(.../...)	(.../...)	(09/30/92T)	(.../...)	(06/30/93)	(06/30/93T)	(.../...)	8911090006		()	

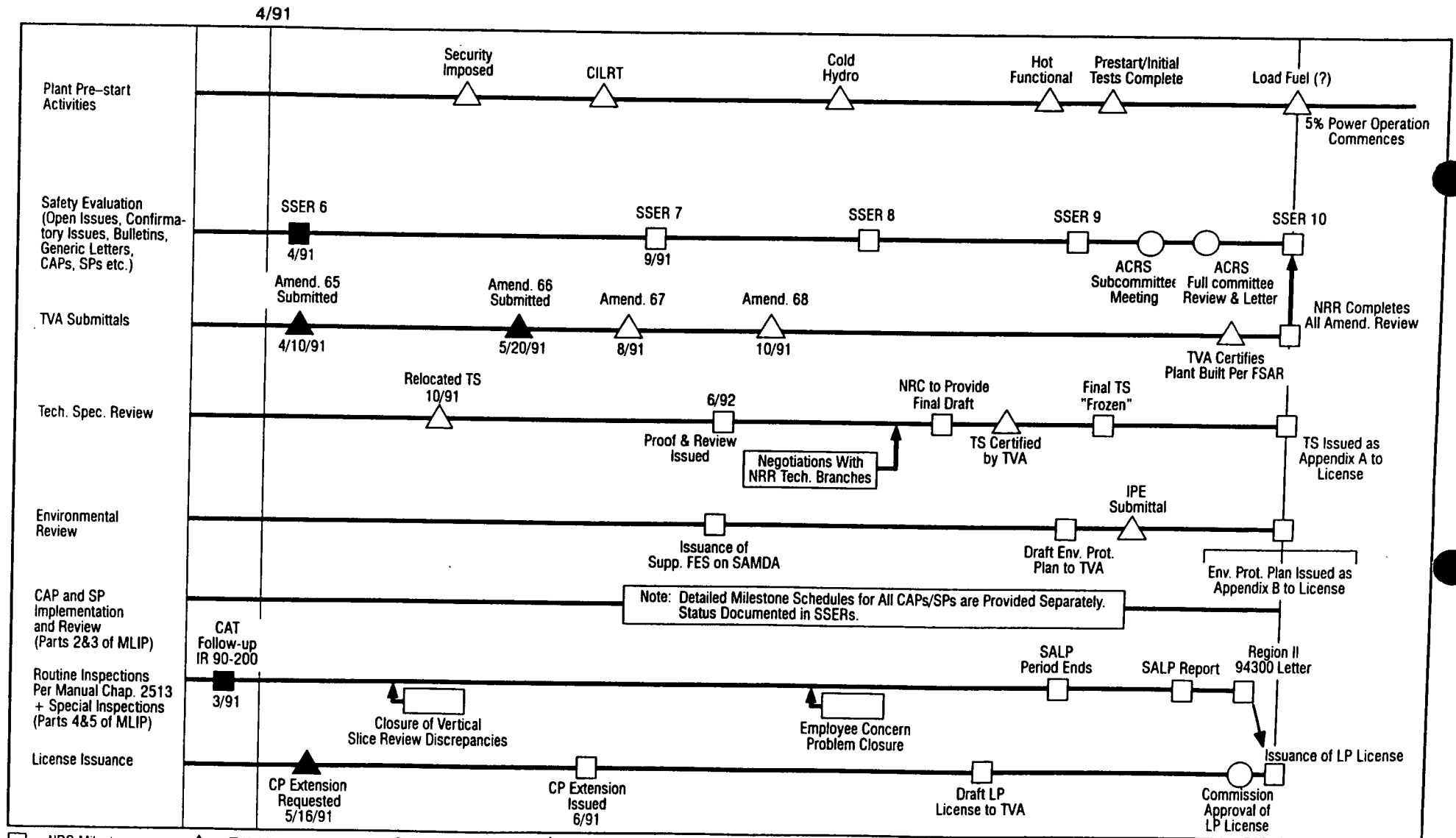
Plant	TaskID	MPA Num	Age (Mo)	Rev. ***	Rev Mth	Pri	Actyp	PA Code	Title	Appl Date	Accept Review Complete	TR Plan Start	TR Act Start	RAI Issued	RAI Response	TR Comp	Request Comp	Licensing Action Complete	Licensee Impl.	Appl. Accession	Impl. Accession	QA LCK
WATTS BAR	M74502		[24]		TS	2	RO	1111	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) - ELECTRICAL ISSUES <i>7/31/90 letter under review</i>	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(07/31/90C)	(07/15/91)	(07/15/91)	(06/30/92T)	(03/31/92T)	8905260083		()
									SELBB PD22			05/05/91	11/03/90 01/13/90			07/15/91						
WATTS BAR	M74801	A025	[21]		TS	3	RO	1111	WATTS BAR 1 - ACCEPTABLE 1ST PROGRAMS (GL 89-04) <i>Submittal 6 mo. before fuel load</i>	(08/21/89)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(09/30/91)	(09/30/91T)	(.../.../...)	8908280380		()
WATTS BAR	M75324		[17]		TS	3	RO	1111	WATTS BAR 1 - ANTI-TRUST REVIEW <i>Under review</i>	(12/05/89)	(.../.../...)	(.../.../...)	(.../.../...)	(06/06/90C)	(07/05/90C)	(.../.../...)	(09/30/91)	(09/30/91T)	(.../.../...)	9007100099		()
									PTSBB				01/06/90									
WATTS BAR	M76631	X001	[0]		PM	3	MBC	1111	WATTS BAR 1 - RESPONSE TO NRCB 90-01 LOSS OF FILL-OIL IN ROSMOUNT TRANSMITTER <i>Submittal ~ 7/91</i>	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/29/91)	(.../.../...)	(12/31/91T)	(.../.../...)			()
									SICBB			07/09/90				06/29/91						
WATTS BAR	M76742		[17]		TS	3	RO	1111	WATTS BAR 1 - TECHNICAL SPECIFICATION REVIEW <i>Relocated TS by 10/91</i>	(12/29/89)	(12/31/89C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(09/30/92)	(09/30/92T)	(.../.../...)	9001080211		()
									PD22 OTSBB XXXX1				05/05/90 06/09/90									
WATTS BAR	M76881		[0]		TS	3	RO	1111	WATTS BAR 1 - INSERVICE INSPECTION (LICINSE CONDITION 4) <i>Submittal 6 mo. before fuel load</i>	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(09/30/92)	(09/30/92T)	(.../.../...)			()
WATTS BAR	M76943		[9]		PM	3	MBC	15211	WATTS BAR 1 - REVIEW OF TVA EMPLOYEES CONCERNING CORRECTIVE ACTIONS IMPLEMENTATION <i>Under review</i>	(08/24/90)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(03/31/91)	(05/31/91T)	(05/31/91T)	NA		()
									ESGBA XXXX1				10/27/90 06/16/90			12/31/90C						
WATTS BAR	M76972		[17]		TS	2	RO	1111	WATTS BAR UNIT 1 - QUALITY ASSURANCE PROGRAM (SER SECTION 17.0) <i>TVA to resolve SSER 5 issues</i>	(12/07/89)	(12/31/89C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/30/92)	(06/30/92T)	(.../.../...)	8912180114		()
									LPB LPBDC				01/12/91									
WATTS BAR	M76973		[24]		TS	2	RO	1111	WATTS BAR UNIT 1 - SPECIAL PROGRAM : MASTER FUSE LIST <i>Response to RAI ~ 5/31/91</i>	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(02/06/91C)	(05/31/91T)	(07/15/91)	(06/30/91)	(12/31/91T)	(11/30/91T)	8905260083		()
									SELBB			05/05/91	01/19/91			07/15/91						
WATTS BAR	M76974		[24]		TS	2	RO	1111	WATTS BAR UNIT 1 - SPECIAL PROGRAM : MECHANICAL EQUIPMENT QUALIFICATION <i>(Same as EQ)</i>	(05/22/89)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(10/31/91)	(06/30/91)	(01/31/92T)	(10/31/91T)	8905260083		()
									SPLND			07/22/91				10/31/91						
WATTS BAR	M77020	B081	[90]		TS	3	MRRO	1111	WATTS BAR 1 - GL 83-28, ITEM 4.2.1 AND 4.2.2 PREVENTIVE MAINTENANCE PROGRAM FOR TRIP BREAKERS <i>Awaiting TVA revision of 5/19/86 submittal</i>	(11/07/83)	(11/30/83C)	(.../.../...)	(.../.../...)	(.../.../...)	(04/30/91L)	(03/27/92)	(09/30/91)	(09/30/91T)	(.../.../...)	8311150389		()
									SELBB			10/28/91				03/27/92						

Plant	TaskID	MPA Num	Age (Mon)	Rev.	Rev Mth	Pri	Actyp	PA Code	Title	Appl Date	Accept Review Complete	TR Plan Start	TR Act Start	RAI Issued	RAI Response	TR Comp	Request Comp	Licensing Action Complete	Licensee Impl.	Appl. Accession	Impl. Accession	QA LCK	
WATTS BAR	M07569		[74]	TS	2	RO	1111		WATTS BAR 1 - STEAM GENERATOR TUBE RUPTURE ANALYSIS PER WCAP - 11698 <i>TVA response to SSER 5 by 3/92</i>	(03/31/85)	(03/31/85C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(12/30/91)	(12/31/91T)	(.../.../...)	8504050283		()	
WATTS BAR	M07661		[22]	TS	3	RO	1111		WATTS BAR 1 - OFFSITE RADIOLOGICAL MONITORING PROGRAM <i>1990 Met. Env. Monitoring Program arriving soon. When??</i>	(07/20/89)	(07/31/89C)	(.../.../...)	(.../.../...)	(06/06/89C)	(07/20/89C)	(.../.../...)	(05/31/91)	(06/30/91T)	(.../.../...)	8907250205		()	
WATTS BAR	M07845		[11]	TS	2	RO	1111	PRPB	WATTS BAR 1 - CONTAINMENT SUMP SCREEN DESIGN ANOMALIES <i>Under review</i>	(06/26/90)	(06/30/90C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(11/29/91)	(03/01/91)	(08/01/91T)	(.../.../...)	9007190022		()	
WATTS BAR	M07861		[11]	TS	2	RO	1111	SPLBB SPLBA	WATTS BAR 1 - PLANT OPERATING, MAINTENANCE AND EMERGENCY PROCEDURES (SECTION 13.5.2) <i>Amend. 65 info. under review</i>	(06/26/90)	(06/30/90C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/30/91)	(06/30/91T)	(04/30/92T)	9007190022		()	
WATTS BAR	M07896	A021	[11]	TS	2	RO	1111	LHPB	WATTS BAR 1 PRESSURIZED THERMAL SHOCK, 10 CFR 50.61 <i>EMCB (B. Elliot) review done.</i>	(06/26/90)	(06/30/90C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/30/91)	(06/30/91)	(06/30/91T)	(.../.../...)	9003010206		()	
WATTS BAR	M09317		[0]	TS	3	RO	1111	EMCBA SAXBA	WATTS BAR 1 - NATURAL CIRCULATION COOLDOWN - BTP RS85-1, RV2 (GL 81-1) <i>L. Lois needs to know how Fluence was calculated.</i>	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(02/28/92T)	(.../.../...)			()	
WATTS BAR	M09692		[4]	TS	2	RO	1111		WATTS BAR 1 - PIPE BREAK SPECTRA USED AS RESULT OF LLB APPROVAL <i>Submitted by 6/91</i>	(01/29/91)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(08/31/91)	(08/31/91)	(08/31/91T)	(.../.../...)	9102050098		()
WATTS BAR	M09717		[4]	PM	2	RO	1111	EMCBA SPLBA	WATTS BAR 1 - SEISMIC DESIGN CONCERNS ORIGINATING FROM FSAR AMEND 64 OPEN ISSUE 19 <i>Under review</i>	(01/04/91)	(01/25/91C)	(.../.../...)	(.../.../...)	(05/08/91C)	(05/08/91C)	(10/31/91)	(06/30/91)	(06/30/91T)	(.../.../...)	9101090115		()	
WATTS BAR	M09718		[1]	TS	2	RO	1111	ESGB EMCBA EMEC ESGBA	WATTS BAR 1 - MECHANICAL SYSTEMS CONCERNS ORIGINATING FROM FSAR AMEND. 64, OPEN ISSUE 20 <i>5/8/91 submittal under review. TVA to respond to 5/8/91 RAI.</i>	(04/18/91)	(04/24/91C)	(.../.../...)	(.../.../...)	(01/04/91C)	(04/18/91C)	(10/31/91)	(07/30/91)	(07/30/91T)	(.../.../...)	9104220206		()	
WATTS BAR	M09872		[3]	PM	2	RO	1111	ESGB EMCBA	WATTS BAR 1 - PROPOSED LICENSE CONDITION 31 ON INITIAL TESTING <i>4/18/91 submittal under review</i>	(02/28/91)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/30/91)	(06/30/91T)	(.../.../...)			()	
WATTS BAR	M09992		[2]	TS	2	RO	1531		WATTS BAR 1 - SAFETY AND RELIEF VALVE TESTING (TMI 11.D.1) <i>Awaiting submittal</i>	(03/21/91)	(.../.../...)	(.../.../...)	(.../.../...)	(03/21/91C)	(06/30/91T)	(12/31/91)	(12/31/91)	(12/31/91T)	(03/31/92T)	9103250023		()	
WATTS BAR	M00141		[1]	TS	2	LR	1531	EMEC	WATTS BAR 1 - ALTERNATIVE TO ARME SECTION 111, SUBSECTION NO.2000 <i>Response to RAI by 6/91</i>	(04/11/91)	(04/23/91C)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/30/91)	(06/30/91)	(07/31/91T)	(.../.../...)	9104150252		()
								EMCBB	<i>Under review. SE by 6/30/91.</i>	(05/03/91)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(.../.../...)	(06/30/91)	(.../.../...)				()	

Plant	TaskID	MFA Name	Age (Mn)	Rev.	Rev Mth	Pri	Actyp	PA Code	Title	Appl Date	Accept Review Complete	TR Plan Start	TR Act Start	RAI Issued	RAI Response	TR Comp	Request Comp	Licensing Action Complete	Licensee Impl.	Appl. Accession	Impl. Accession	QA LCK	
WATTS BAR	MB0143		[1]		TS	2	RO	1533	WATTS BAR 1 - FSAR AMENDMENT NO. 65 REVIEW	(04/10/91)	(04/18/91C)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(09/30/91)	(09/30/91)	(09/30/91T)	(--/--/--)	9104120322		()	
		SRXBA ESCB SICBC EMEBA SPLBA SELBB SRXB EMCBB PEPBA PRPB LPEB							<i>Under review</i>				04/20/91			08/31/91							
WATTS BAR	MB0152		[7]		TS	2	RO	1533	WATTS BAR 1 - CONTAINMENT EFFECTS DUE TO REMOVAL OF BORON INJECTION TANK	(10/18/90)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(08/31/91)	(08/31/91T)	(--/--/--)	9010260015		()	
									<i>TVA submittal needed per commitment in TVA 5/2/89 letter.</i>														
WATTS BAR	MB0417		[0]		PM	2	RO	1111	WATTS BAR 1 - CP EXTENSION TO 1993	(05/16/91)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(07/30/91)	(07/31/91T)	(--/--/--)			()	
									<i>Under review.</i>														
WATTS BAR	RO0508		[24]		TS	2	RO	1111	WATTS BAR UNIT 1: CORRECTIVE PROGRAM (CAP) PLAN FOR CONDUIT SUPPORT INSTALLATION	(05/22/89)	(--/--/--)	(--/--/--)	(--/--/--)	(01/04/91C)	(06/30/91T)	(12/31/91)	(06/30/91)	(06/30/91T)	(--/--/--)	8905260083		()	
		EMEBA PD22 XXXX1							<i>TVA to address modified scope by 6/1/91.</i>			05/06/91	03/09/91			12/31/91							
WATTS BAR	RO0510		[24]		TS	2	RO	1111	WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR HAVACDUCT AND DUCT SUPPORTS	(05/22/89)	(--/--/--)	(--/--/--)	(--/--/--)	(01/04/91C)	(06/30/91T)	(12/31/91)	(06/30/91)	(12/31/91T)	(09/30/91T)	8905260083		()	
		XXXX1 XXXX2 ESCB EMEBA PD22							<i>TVA to address modified scope by 6/1/91</i>			--/--/--	06/09/90			--/--/--							
WATTS BAR	RO0512		[24]		TS	2	RO	1111	WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) FOR HANGER AND ANALYSIS UPDATE PROGRAM (HAUP)	(05/22/89)	(--/--/--)	(--/--/--)	(--/--/--)	(01/04/91C)	(07/31/90C)	(12/31/91)	(08/30/91)	(06/30/92T)	(03/31/92T)	8905260083		()	
		EMEBA PD22							<i>Next audit : fall of '91</i>			05/06/91	06/09/90			12/31/91							
WATTS BAR	RO0514		[24]		TS	2	RO	1111	WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR SEISMIC ANALYSIS	(05/22/89)	(--/--/--)	(--/--/--)	(--/--/--)	(01/04/91C)	(--/--/--)	(12/31/91)	(08/30/91)	(09/30/91T)	(--/--/--)	8905260083		()	
		PD22 EMEBA ESCB ESGBA PDAR							<i>Audit report being prepared by T. Cheng</i>			--/--/--	10/14/89			--/--/--							
WATTS BAR	RO0516		[24]		TS	2	RO	1111	WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR CATEGORY 1 CABLE TRAY AND CABLE SUPPORTS	(05/22/89)	(--/--/--)	(--/--/--)	(--/--/--)	(01/04/91C)	(06/30/91T)	(12/31/91)	(06/30/91)	(06/30/91T)	(--/--/--)	8905260083		()	
		XXXX1 EMEBA PD22							<i>TVA to address modified scope by 6/1/91.</i>			--/--/--	01/14/89			--/--/--							

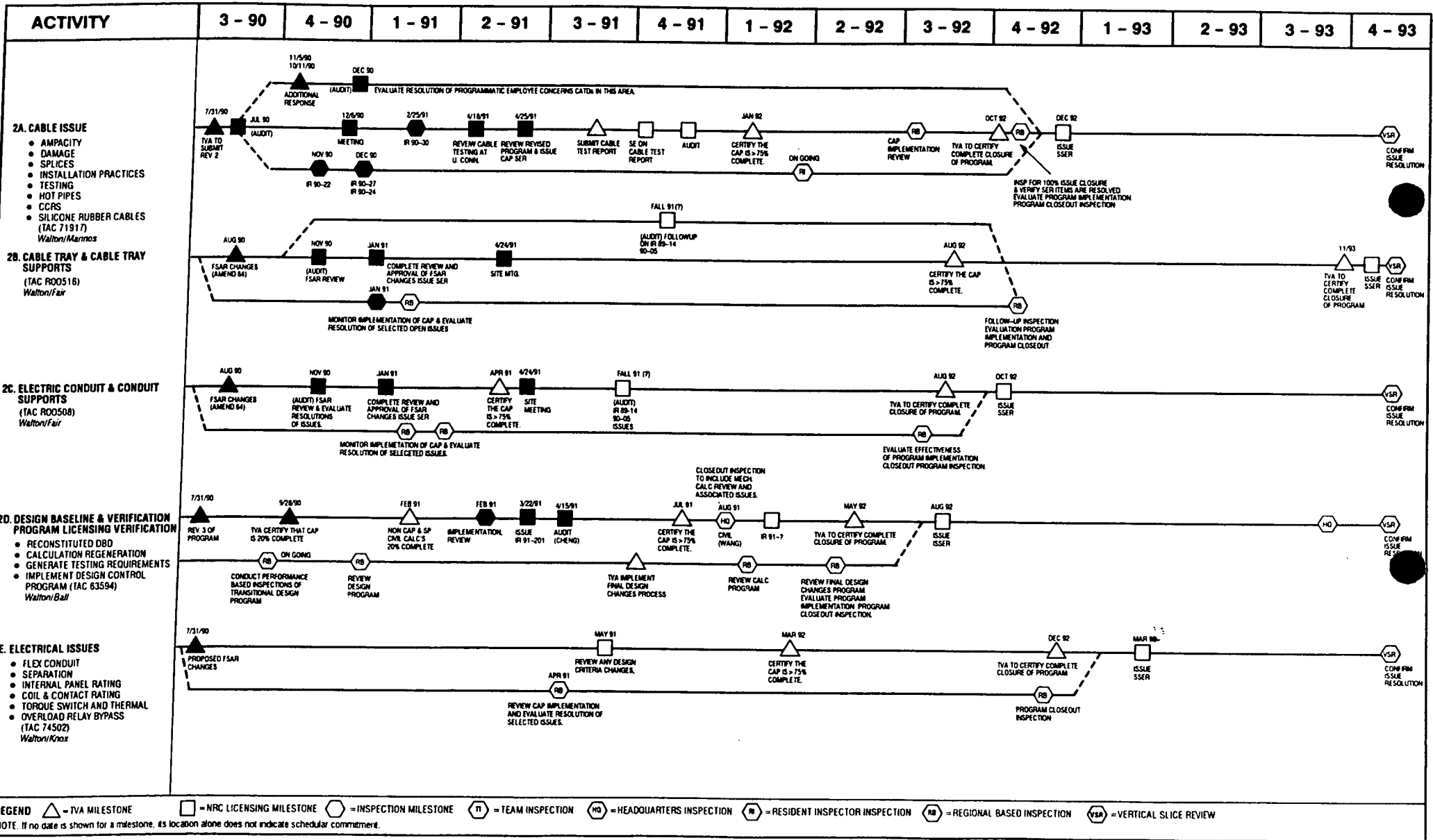
Not Scheduled Actions

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

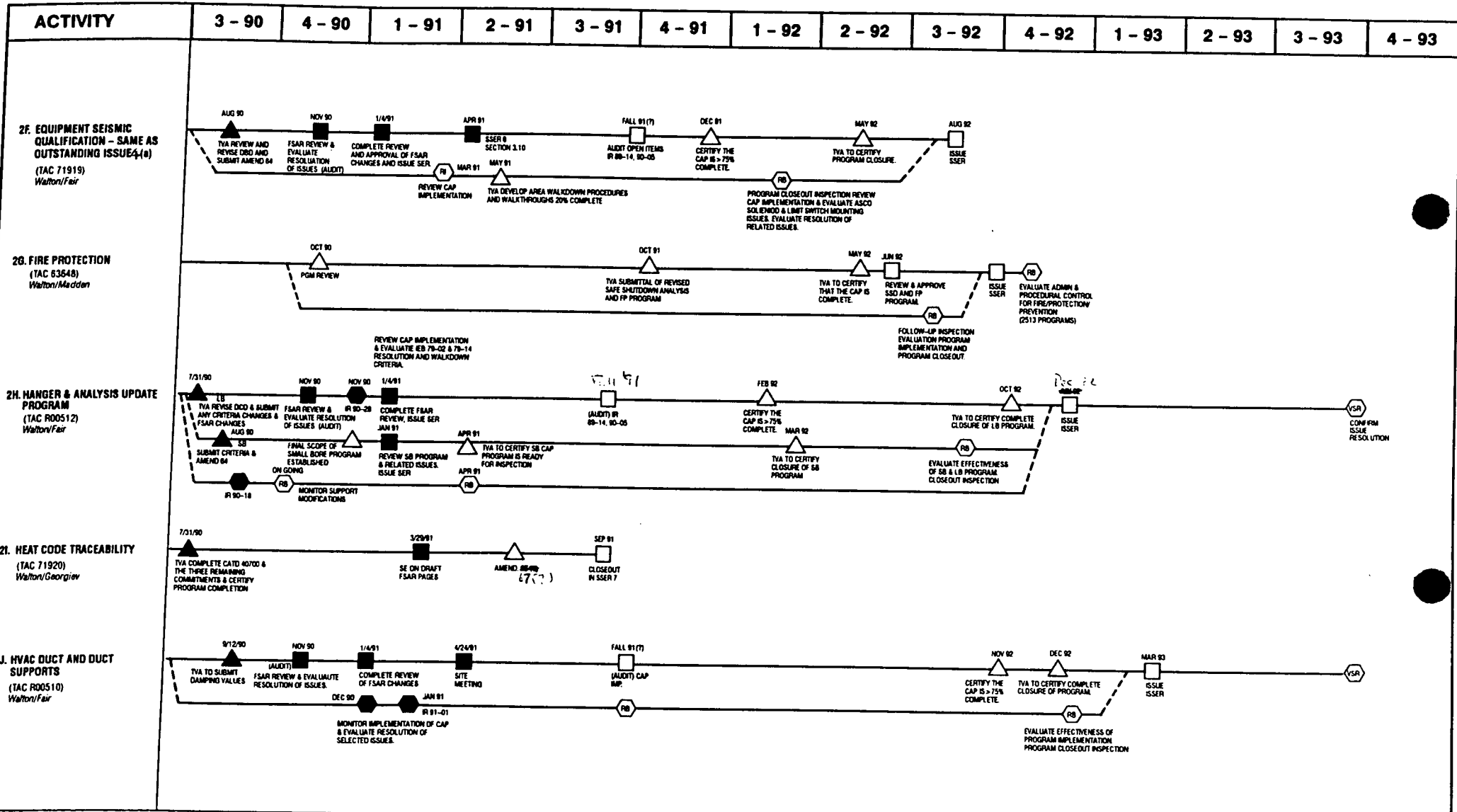


Note: Detailed Milestone Schedules for All CAPs/SPs are Provided Separately. Status Documented in SSERs.

WATTS BAR UNIT 1 CAPS



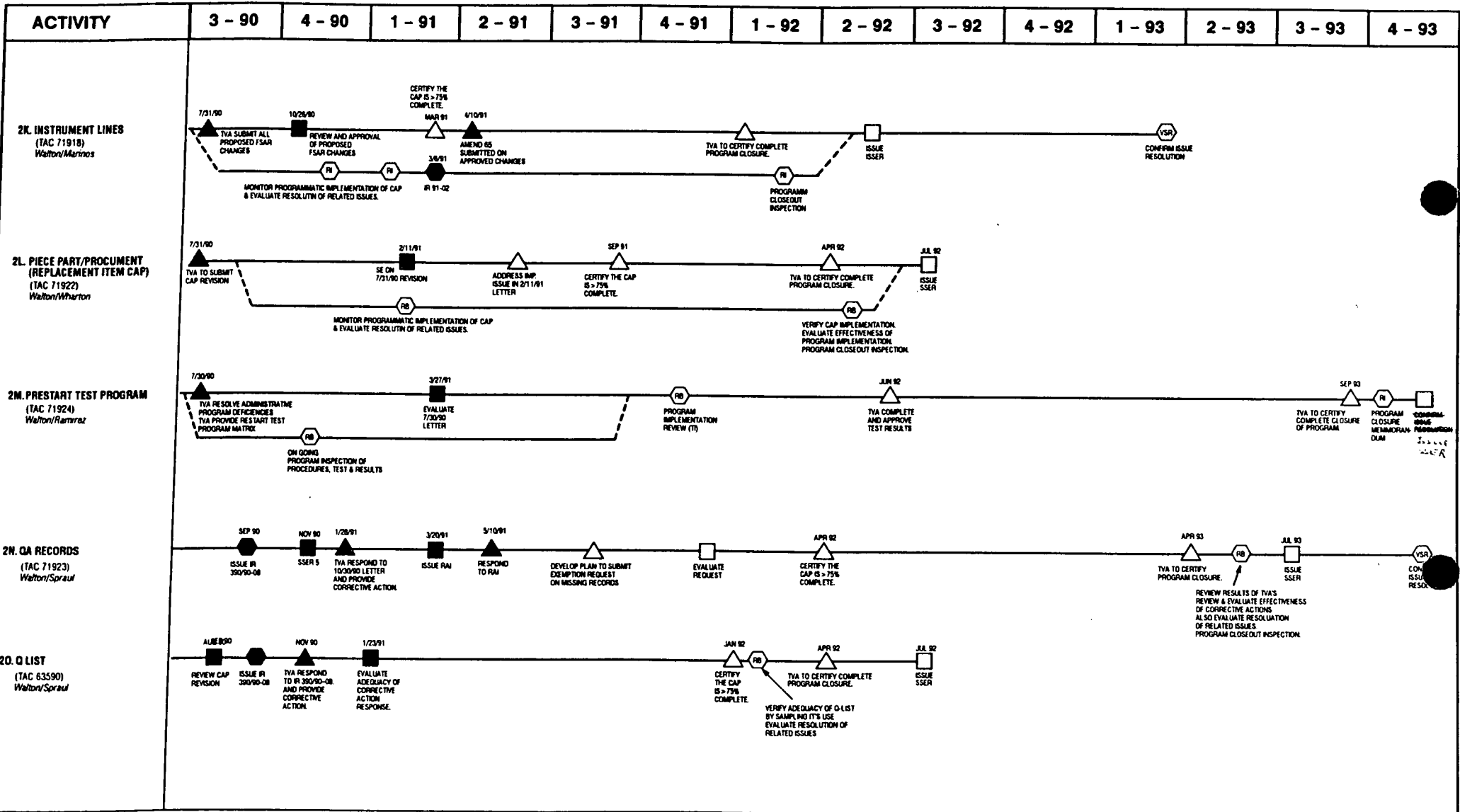
WATTS BAR UNIT 1 CAPS



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

WATTS BAR UNIT 1 CAPS



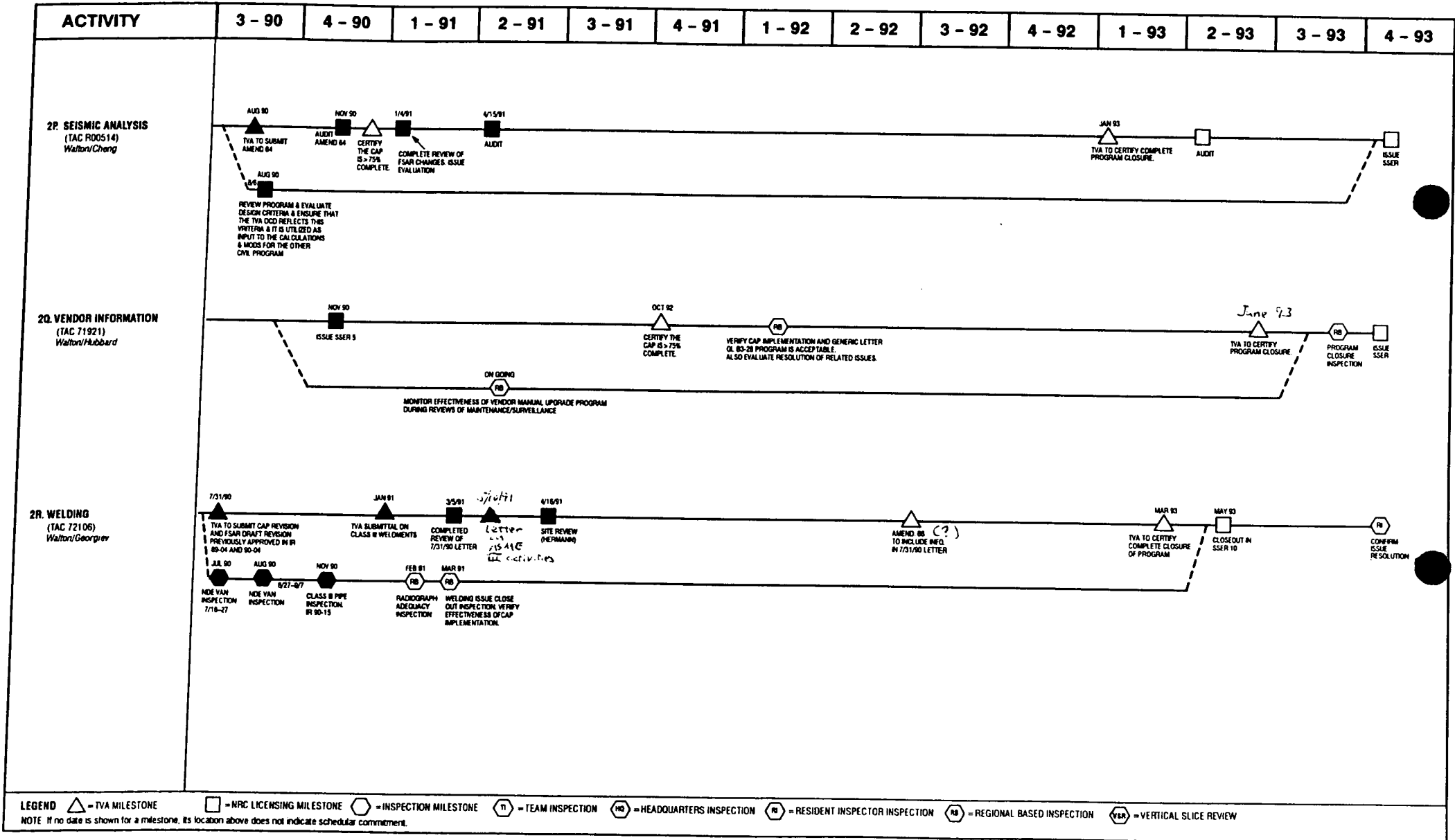
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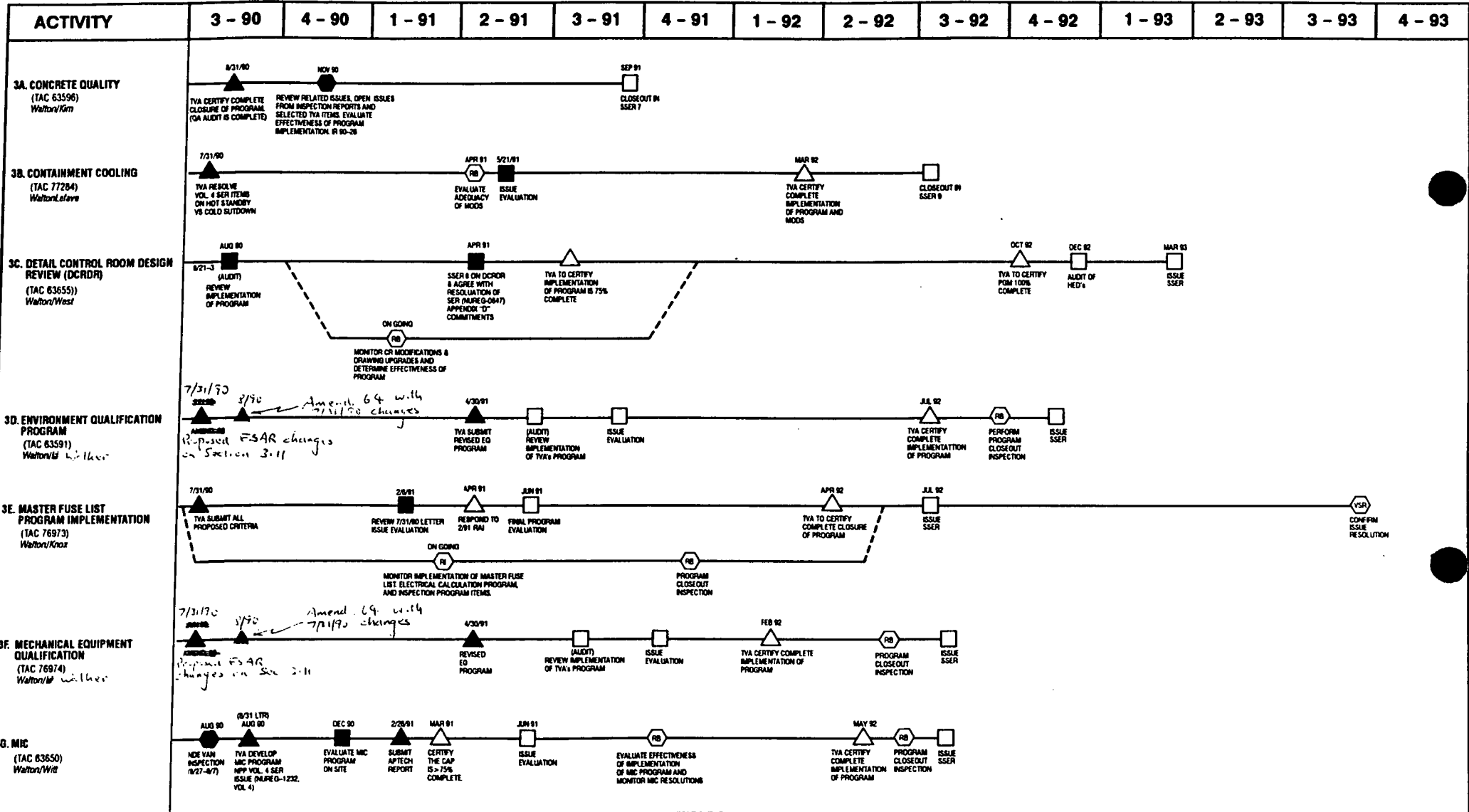
WATTS BAR UNIT 1 CAPS

Dated 5/91

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WATTS BAR UNIT 1 SP & MISCELLANEOUS ISSUES



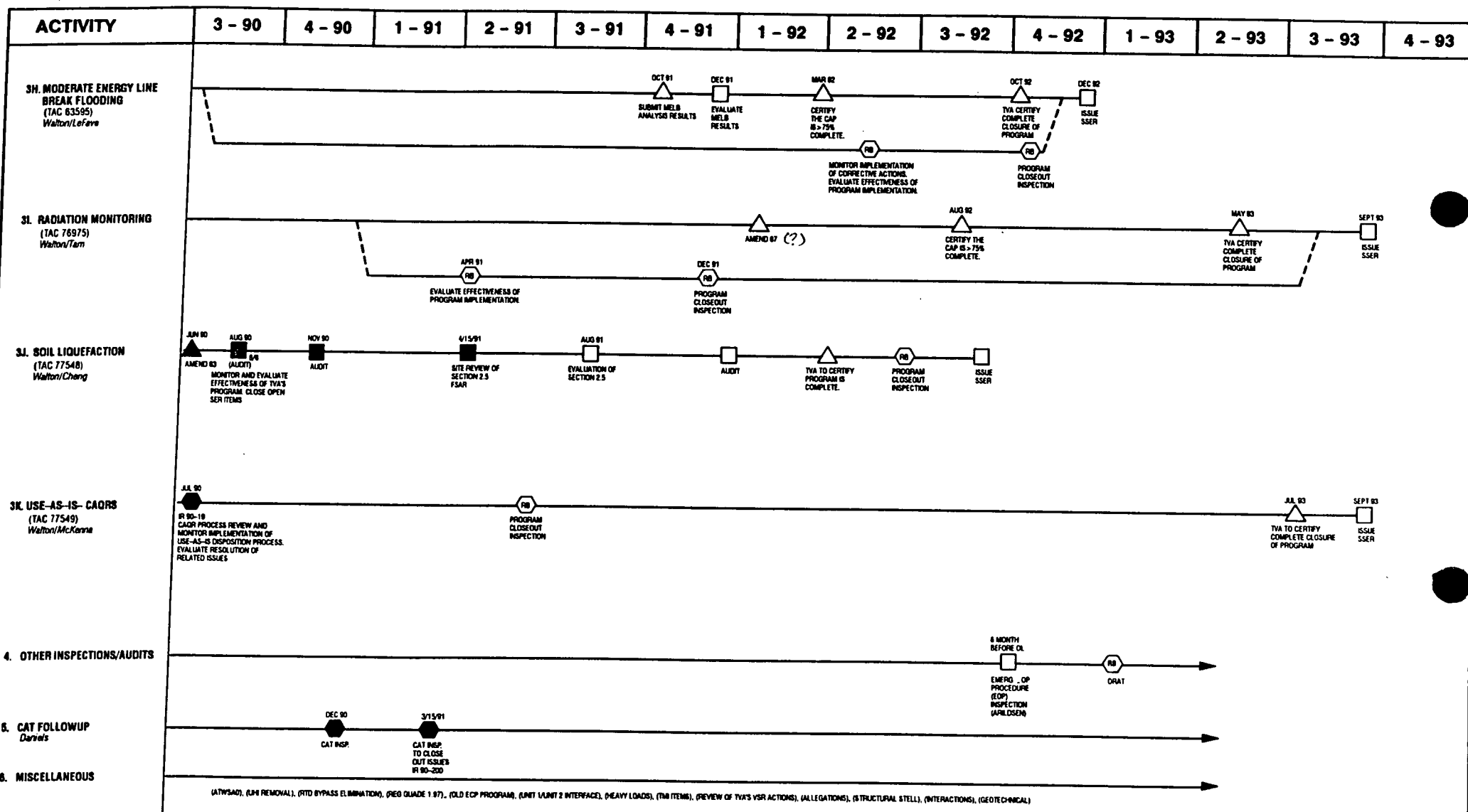
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WATTS BAR UNIT 1 SP & MISCELLANEOUS ISSUES

Dated 5/91

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

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Docket file



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555
June 3, 1991

Docket No.: 50-390

MEMORANDUM FOR: Scott Newberry, Chief
Instrumentation and Control Systems Branch
Division of Systems Technology

THRU: Evangelos C. Marinos, Section Chief
Section C
Instrumentation and Control Systems Branch

FROM: Hukam C. Garg, Sr. Electrical Engineer
Section C
Instrumentation and Control Systems Branch

SUBJECT: TRIP REPORT - ELECTRICAL CABLE ISSUES, WATTS BAR NUCLEAR
PLANT, UNIT 1 (TAC NO. 71917)

During the weeks of December 10 thru 14, 1990 and January 7 thru 11, 1991, the NRC staff and two consultants, J.B. Gardner and D. Ford, conducted inspections at Watts Bar to assess the cable installation integrity at the plant. By memorandum dated April 22, 1991, we issued a safety evaluation report to the project on the corrective action program plan for the cable issues.

During the inspections we reviewed calculations of the worst case cable pullbys and walkdown information of installed conditions for cables vertical support and bend radius. We also walked down some conduits to verify the adequacy of TVA walkdowns. The results of our inspection for the week of December 10-14, 1990 is contained in enclosure 1 and for the week of January 7-11, 1991 is contained in enclosure 2. Subsequent to our inspection, we were able to close one of the open items identified in enclosure 1. Closure of this item is contained in enclosure 3.

Contact: Hukam Garg (SICB)
X20929

See Reports

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June 3, 1991

Scott Newberry

- 2 -

We plan to conduct more inspections at Watts Bar to close out open items identified in the inspections. During the future inspections, we will also perform walkdowns for conduits related to cable jamming and conduits running in close proximity to hot pipes.

Original signed by:

Hukam C. Garg
Sr. Electrical Engineer, Section C
Instrumentation and Control Systems Branch

cc: F. Hebdon
A. Thadani
P. Tam
G. Walton, SRI
K. Barr, RII

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