

October 28, 1992

Docket Nos. 50-390  
and 50-391

APPLICANT: Tennessee Valley Authority (TVA)

FACILITY: Watts Bar Nuclear Plant, Units 1 and 2

SUBJECT: MEETING SUMMARY - OCTOBER 23, 1992, ROUTINE CONFERENCE  
ON LICENSING STATUS (TAC M72494, AND M72495)

REFERENCE: Meeting notice by P. S. Tam, October 14, 1992

On October 23, 1992, NRC and TVA representatives met at NRC headquarters 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 10 (NUREG-0847, Supp. 10). 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 10) officially documents the issues that NRR considers needing resolution before an operating license can be granted.

Schedular information and other comments were 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). The output of WISP (Enclosure 2) records the staff's understanding of the status of each active NRR action. TVA participants described the status of TVA's top priority actions. These are so indicated in Enclosure 2.

Enclosure 1 is the list of meeting participants. The next meeting will take place at the Watts Bar site in late November.

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. Participant list
- 2. WISP report

cc w/enclosures:  
See next page

OFFICE	PDII-4/LA	PDII-4/PM	PDII-4/D
NAME	MSanders <i>ms</i>	PTam:dw <i>PST</i>	FHebdon <i>for</i>
DATE	10/27/92	10/27/92	10/27/92

DOCUMENT NAME: SUMMARY

*Memof*

NRC FILE CENTER COPY

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PDR ADDCK 05000390  
A PDR

200032

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ENCLOSURE 1

LIST OF PARTICIPANTS

ROUTINE LICENSING STATUS MEETING

October 23, 1992

<u>Name</u>	<u>Affiliation</u>
Fred Hebdon (part-time)	NRC/NRR/Project Directorate II-4
Peter Tam	NRC/NRR/Project Directorate II-4
John Vorees	TVA Watts Bar Site Licensing

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
***** Active Actions *****												
M63590		[ 41]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: Q - LIST.	(05/22/89)	(08/16/90)	(11/07/90C)	(12/31/92T)	(10/31/92T)	Submittal to modify scope by 10/92. (Top 5)
M63591		[ 18]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: EQUIPMENT QUALIFICATION OPEN ISSUE 4	(04/30/91)	(05/01/92)	(10/31/92T)	(03/31/93T)	(03/31/93T)	RAI response by 10/26/92
M63595		[ 43]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: MODERATE ENERGY LINE BREAK FLOODING (SECTION 3.6.1)	(03/22/89)	(--/--/--)	(06/30/92C)	(12/31/93T)	(05/31/93T)	TVA to update FSAR 3.6.1 by Amend. 73 (can it be sooner?)
M63597		[ 48]	TS	3	RN	WATTS BAR 1 - CONTAINMENT ISOLATION REVIEW	(10/20/88)	(03/15/89)	(05/12/89C)	(07/31/93T)	(07/31/93T)	Proposed site review 5/93. Kudrick OKed (if similar to BF-2)
M63632		[ 29]	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.
M63648		[ 8]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: FIRE PROTECTION, OPEN ISSUE 12, CONF. ISSUE 38, LIC. COND 20	(02/05/92)	(--/--/--)	(08/28/92C)	(05/31/93T)	(08/30/93T)	Submittal on Thermolag testing under review. (Top 1)
M63649		[ 92]	TS	2	RN	WATTS BAR 1 - POWER SYSTEM CONCERNS, CONF. 28-35, LIC. COND.13,17	(02/06/85)	(06/20/91)	(06/18/92C)	(10/31/92T)	(--/--/--)	Draft FSAR pages received. Close several issues in SSER
M63655		[ 41]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: CONTROL ROOM DESIGN REVIEW	(05/22/89)	(04/28/89)	(10/24/90C)	(07/31/93T)	(01/31/93T)	Program review complete, SSER 6. Audit HEDs 6/93.
M63656		[ 0]	TS	3	RN	WATTS BAR 1 - EMERGENCY PLANNING LIC. COND. 27	(--/--/--)	(--/--/--)	(--/--/--)	(06/30/93T)	(11/30/92T)	TVA submittal app. 3/93. NRR does pre-OL review.
M63657		[ 27]	TS	2	RN	WATTS BAR 1 - PHYSICALSECURITY PLAN (SECT 13.6)	(07/24/90)	(--/--/--)	(06/17/92C)	(09/30/93T)	(12/31/92T)	SSER 10 eliminated PLC 38. Review of 6/17 letter ongoing.
M68624	A022	[ 6]	TS	2	LL	WATTS BAR 1 - IMPLEMENTATION OF THE STATION BLACKOUT RULE, 10CFR50.63	(04/22/92)	(--/--/--)	(--/--/--)	(12/31/92T)	(01/31/94T)	SE target 11/92. Implem. before fuel load being considered.
M71917		[ 41]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR CABLE ISSUES	(05/22/89)	(--/--/--)	(11/21/91C)	(12/30/92T)	(12/31/93T)	NRR action complete in SSER 9. Will monitor impl. (Top 7)
M71923		[ 41]	TS	2	RN	WATTS BAR 1 CORRECTIVE ACTION PROGRAM (CAP) FOR QA RECORDS	(05/22/89)	(04/10/91)	(05/15/92C)	(03/31/93T)	(09/30/93T)	NRR preparing position on App. B-required QA records.
M72106		[ 41]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR WELDING ISSUES	(05/22/89)	(--/--/--)	(07/31/90C)	(10/30/92T)	(09/30/92L)	Closeout ltrs. on CAP and Welding Project by 10/92.
M72181	X811	[ 7]	TS	2	RN	WATTS BAR 1 - BULLETIN 88-11 PRESSURIZER SURGELINE THERMAL STRATIFICATION	(03/30/92)	(--/--/--)	(--/--/--)	(10/31/92T)	(--/--/--)	Clean SE on Item 2.a expected by 10/30/92.
M72693	X809	[ 0]	TS	2	RN	WATTS BAR 1 - THIMBLE THINNING IN PWR'S (BULLETIN 88-09)	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/93T)	(--/--/--)	No need for submittal until after plant start.
M73723	F072	[ 39]	TS	2	RN	WATTS BAR- MPA F-72: SAFETY PARAMETER DISPLAY SYSTEM- RESPONSE TO GL 89-06	(07/11/89)	(--/--/--)	(11/01/90C)	(07/31/93T)	(06/30/93T)	SSER 6. "Functional" SPDS audit by 6/93.
M74488	B111	[ 1]	TS	3	RN	WATTS BAR 1 - INDIVIDUAL PLANT EVALUATIONS (GL 88-20)	(09/01/92)	(--/--/--)	(--/--/--)	(06/30/93T)	(06/30/93T)	IPE under review; IPEEE has separate TAC number.
M74801	A025	[ 0]	TS	3	RN	WATTS BAR 1 - ACCEPTABLE IST PROGRAMS(GL 89-04)	(--/--/--)	(--/--/--)	(--/--/--)	(09/30/93T)	(--/--/--)	Per GI 89-04. Relief requests by 7/93.
M76631	X001	[ 9]	PM	3	RN	WATTS BAR 1 - RESPONSE TO NRCB 90-01 LOSS OF FILL-OIL IN ROSEMOUNT TRANSMITTER	(01/31/92)	(--/--/--)	(--/--/--)	(12/31/92T)	(12/31/92T)	Supplemental bulletin being prepared, date uncertain.
M76742		[ 34]	TS	2	RN	WATTS BAR 1 - TECHNICAL SPECIFICATION REVIEW	(12/29/89)	(--/--/--)	(--/--/--)	(09/30/93T)	(--/--/--)	Status meeting in 11/92.
M76881		[ 0]	TS	3	RN	WATTS BAR 1 - INSERVICE INSPECTION (LICENSE CONDITION 4)	(--/--/--)	(--/--/--)	(--/--/--)	(09/30/93T)	(--/--/--)	Submittal by 7/93.

Enclosure 2

Page	2						Report Date	10/27/92							Condensed Project Manager Report						
TaskID	MPA Num	Age (Mon)	Rev Mth	Pri	Actyp	Title	Appl Date	RAI Issued	RAI Response	Request Comp	Licensing Action Complete	Licensee Impl.	Comments								
M06972		[ 34]	TS	2	RN	WATTS BAR UNIT 1 - QUALITY ASSURANCE	(12/07/89)	(--/--/--)	(--/--/--)	(03/31/93)	(03/31/93T)	(--/--/--)	Response to SSER 5 by Amendment 73. SSER 10 has up								
M06974		[ 18]	TS	2	RN	WATTS BAR UNIT 1 - SPECIAL PROGRAM : MECHANICAL EQUIPMENT QUALIFICATION	(04/30/91)	(04/09/92)	(--/--/--)	(01/31/93)	(01/31/93T)	(12/31/92T)	MEQ submittal by 10/92.								
M07132		[ 85]	TS	2	RN	WATTS BAR 1 - TMI II.F.2, ON INADEQUATE CORE COOLING INSTRUMENTATION, I.I.C. COND. 3	(09/19/85)	(08/16/90)	(01/24/92C)	(08/31/93)	(08/31/93T)	(07/31/93T)	SSER10 accepts 1/24/92 submittal. TVA impl. ltr. b								
M07222		[ 27]	TS	2	RN	WATTS BAR UNIT 1 - SEVERE ACCIDENT MITIGATION DESIGN ALTERNATIVES (SAMDA) IN THE FES	(07/30/90)	(01/29/91)	(--/--/--)	(04/30/93)	(06/30/93T)	(--/--/--)	NRC to coordinate SAMDA and IPE review schedules.								
M07543		[ 93]	TS	2	RN	WATTS BAR 1 - PROCEDURE TO ESTIMATE CORE DAMAGE, (SECTION 9.3.2)	(01/31/85)	(--/--/--)	(01/31/93T)	(06/30/93)	(06/30/93T)	(--/--/--)	SSER 5. TVA submittal by 2/93.								
M07553		[ 2]	TS	2	RN	WATTS BAR 1 - OFFSITE DOSE CALCULATION MANUAL (ODCM)	(08/27/92)	(--/--/--)	(--/--/--)	(03/31/92)	(03/31/93T)	(--/--/--)	A. Massey is reviewer. Target date 3/93.								
M07560		[ 97]	TS	3	RN	WATTS BAR 1 - HEAVY LOADS (LICENSE CONDITION 39)	(09/24/84)	(--/--/--)	(12/31/92T)	(--/--/--)	(03/31/93T)	(--/--/--)	TVA submittal by 1/93.								
M07569		[ 91]	TS	2	RN	WATTS BAR 1 - STEAM GENERATOR TUBE RUPTURE ANALYSIS PER WCAP - 11698	(03/31/85)	(--/--/--)	(--/--/--)	(12/31/92)	(12/31/92T)	(--/--/--)	See SSER 5, 15.6.3. TVA submittal by 4/93.								
M07896	A021	[ 28]	TS	2	LL	WATTS BAR 1 PRESSURIZED THERMAL SHOCK, 10 CFR 50.61	(06/26/90)	(--/--/--)	(07/13/92C)	(10/31/92)	(10/31/92T)	(--/--/--)	7/13/92 letter under review, target late 1992.								
M079692		[ 21]	TS	2	RN	WATTS BAR 1 - PIPE BREAK SPECTRA USED AS RESULT OF LLB APPROVAL	(01/29/91)	(--/--/--)	(09/20/91C)	(10/31/92)	(11/15/92T)	(--/--/--)	Under review by Fair and DAngelo. SE by 10/92.								
M079717		[ 21]	PM	2	RN	WATTS BAR 1 - SEISMIC DESIGN CONCERNS ORIGINATING FROM FSAR AMEND 64 OPEN ISSUE 19	(01/04/91)	(08/22/91)	(04/06/92C)	(03/31/93)	(03/31/93T)	(--/--/--)	Outstanding Issue 19 g to be resolved in audit, ea								
M079718		[ 18]	TS	2	RN	WATTS BAR 1 - MECHANICAL SYSTEMS CONCERNS ORIGINATING FROM FSAR AMEND. 64, OPEN ISSUE 20	(04/18/91)	(01/04/91)	(08/04/92C)	(01/31/93)	(01/31/93T)	(--/--/--)	8/4/92 letter on FW check valve slam under review,								
M079992		[ 19]	TS	2	RN	WATTS BAR 1 - SAFETY AND RELIEF VALVE TESTING (TMI II.D.1)	(03/21/91)	(10/10/91)	(07/11/91C)	(03/31/93)	(03/31/93T)	(12/31/92T)	Response to 10/10/91 RAI by 11/92.								
M80152		[ 24]	TS	3	RN	WATTS BAR 1 - CONTAINMENT EFFECTS DUE TO REMOVAL OF BORON INJECTION TANK	(10/18/90)	(--/--/--)	(01/21/92C)	(09/30/92)	(11/30/92T)	(--/--/--)	Started by TVA 5/2/84 letter. Amend. 69 info. unde								
M81063		[ 8]	TS	2	RN	WATTS BAR 1 - USE OF EAGLE 21 PROCESS PROTECTION SYSTEM	(02/26/92)	(--/--/--)	(--/--/--)	(01/31/93)	(02/28/93T)	(--/--/--)	More info. by 10/92. No site review planned. (Top 3								
M81887		[ 2]	TS	2	RN	WATTS BAR UNIT 1 - USE OF VANTAGE - SH FUEL DESIGN	(08/24/92)	(--/--/--)	(--/--/--)	(12/31/92)	(12/31/92T)	(--/--/--)	Under review by S.L. Wu, target 12/92.								
M82032		[ 13]	TS	2	RN	WATTS BAR 1 - FIFTH DIESEL GENERATOR NON-ELECTRICAL ISSUES	(09/24/91)	(--/--/--)	(--/--/--)	(05/31/93)	(05/31/93T)	(--/--/--)	SSER 10. Address tornado damage to air intake by 4.								
M82367		[ 12]	TS	2	RA	WATTS BAR 1 - SHALLOW UNDER ANCHORS	(10/16/91)	(--/--/--)	(09/28/92C)	(10/31/92)	(10/31/92T)	(--/--/--)	9/28/92 letter under review.								
M82644		[ 9]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 69.	(01/21/92)	(07/14/92)	(10/30/92T)	(12/31/92)	(12/31/92T)	(--/--/--)	NA Awaiting response to 7/14/92 RAI on Chapter 14, 11/9								
M82878		[ 8]	TS	2	LL	WATTS BAR 1 - ALTERNATIVE TO ASME III, SUBSECTION NC/ND PARA7153	(02/25/92)	(--/--/--)	(09/08/92C)	(10/30/92)	(10/30/92T)	(--/--/--)	9/8/92 revision under review by J. Huang.								
M83202		[ 6]	PM	2	RO	WATTS BAR 1 - DOCUMENTATION OF STAFF ACTIVITIES RELATED TO QTC	(04/30/92)	(--/--/--)	(--/--/--)	(12/30/92)	(12/30/92T)	(--/--/--)	NRR staff activities only, no TVA involvement.								
M83322		[ 5]	TS	2	RN	WATTS BAR UNIT 1 - FSAR AMENDMENT 70	(05/06/92)	(--/--/--)	(--/--/--)	(12/31/92)	(12/30/92T)	(--/--/--)	Under review.								
M83525	B120	[ 3]	TS	3	RR	WATTS BAR 1 - GENERIC LETTER 92-01 REACTOR VESSEL STRUCTURAL INTEGRITY.	(07/07/92)	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/93T)	(12/31/93T)	Under review; will contact TVA if staff sees proble								
M83693	B118	[ 10]	PM	3	RR	WATTS BAR 1 - IPEEE FOR EXTERNAL EVENTS (GL 88-20) SUPPLEMENT 4	(12/20/91)	(--/--/--)	(--/--/--)	(12/31/95)	(12/31/95T)	(--/--/--)	Awaiting 1994 submittal.								

Page	3		Report Date		10/27/92		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
M83837		[ 4]	TS	2	RN	WATTS BAR 1-APPLICATION OF	(06/22/92)	(--/--/--)	(--/--/--)	(06/30/93T)	(--/--/--)	S. Sheng to begin review 11/92. OK with TVA.
M84234		[ 26]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 71.	(08/05/90)	(--/--/--)	(--/--/--)	(01/31/93T)	(--/--/--)	Under review by 8 NRR branches.
M84249		[ 3]	TS	2	RN	WATTS BAR 1 - CONTROL ROD DRIVE MECHANISM SEISMIC QUALIFIC- ATION.	(07/30/92)	(--/--/--)	(--/--/--)	(12/31/92T)	(--/--/--)	Awaiting infor. in Amend. 72.
M84367		[ 0]	TS	2	RO	WATTS BAR 1 - FIVE STAR PRODUCTS - REQUEST FOR INFORMATION.	(--/--/--)	(--/--/--)	(--/--/--)	(12/31/92T)	(--/--/--)	
M84429		[ 2]	TS	2	RN	WATTS BAR 1 - SOLID RAD. WASTE PROCESS CONTROL PROGRAM.	(08/27/92)	(--/--/--)	(--/--/--)	(12/31/92T)	(--/--/--)	Plant Systems Branch to decide what review is needed.
R00514		[ 41]	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)	(07/27/92C)	(02/28/93T)	(01/31/93T)	Response on Civil Calc. audit target for 12/92. OK?
***** Scheduled Actions *****												
M40309		[ 43]	TS	2	DZ	"WATTS BAR 1 - PROJECT MANAGEMENT ADMINISTRATION"	(03/15/89)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	
M72374		[ 0]	TS	3	DZ	"WATTS BAR 1 LICENSEE PERFORMANCE EVALUATION"	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	Ongoing NRR work only, no TVA action needed.
M72494		[ 0]	PM	2	DZ	"WATTS BAR 1 - HEADQUARTERS FOCAL POINT FOR INFORMATION AND COMMUNICATIONS"	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	Ongoing NRR work only, no TVA action needed.
M72613		[ 0]	PM	3	DZ	"WATTS BAR 1 - SALP REPORT PREPARATION AND MEETING ATTENDANCE"	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	Ongoing NRR work only, no TVA action needed.
M83948	X201	[ 0]	TS	1	RR	WATTS BAR 1 - THERMO-LAG (BULLETIN 92-01)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	Bulletin is for info. only for CP holders.
M84733		[ 0]	TS	2	RN	WATTS BAR UNIT 1 - REVISED PRESSURE CALCULATION DUE TO MSLB OUTSIDE CONTAINMENT.	(10/13/92)	(--/--/--)	(--/--/--)	(--/--/--)	(--/--/--)	

### Other NRR Actions Not Tracked By TAC Numbers

- PAC/AQ inspection — Led by NRR or Region II. Scheduled for 4/93.
- ORAT — Led by NRR. Scheduled for late 1993.

DISTRIBUTION

Docket File

NRC PDR

Local PDR

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

J. Partlow 12-G-18

S. Varga 12-G-18

G. Lainas 14-H-3

F. Hebdon

B. Wilson RII

K. Barr RII

G. Walton RII

E. Merschoff RII

P. Tam

M. Sanders

OGC 15-B-18

ACRS (10)

A. Chaffee 11-A-1

E. Jordan MNBB-3701

B. Grimes 9-A-2

OPA

E. Tana 12-G-18

L. Plisco 10-A-19

J. Wechselberger 17-G-21

WBN Rdg. File