

April 13, 1993

Docket Nos. 50-390  
and 50-391

APPLICANT: Tennessee Valley Authority (TVA)  
FACILITY: Watts Bar Nuclear Plant, Units 1 and 2  
SUBJECT: MEETING SUMMARY - APRIL 7, 1993 ROUTINE CONFERENCE ON  
LICENSING STATUS (TAC M72494, and M72495)  
REFERENCE: Meeting Notice by P. S. Tam, March 29, 1993

On April 7, 1993, NRC and TVA representatives met by telephone 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 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.

Enclosure 1 is the list of meeting participants.

Schedular information regarding NRR reviews and other comments were exchanged with TVA 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.

The next meeting will take place in May 1993.

ORIGINAL SIGNED BY:  
Peter S. Tam, Senior Project Manager  
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Office of Nuclear Reactor Regulation

- Enclosures:  
1. Participant list  
2. WISP report

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OFFICE	PDII-4/LA	PDII-4/PM	PDII-4/D
NAME	MSanders <i>ms</i>	PTam:as <i>PST</i>	FHebdon <i>H.</i>
DATE	4/12/93	4/8/93	4/13/93

DOCUMENT NAME: SUMMARY

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Enclosure 1

Docket File  
NRC & Local PDRs  
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ACRS (10)  
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Enclosures 1 and 2

1. ~~Docket File~~
2. PDR & LPDR
3. WBN Reading
4. E. Merschoff, R-II
5. P. Tam
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ENCLOSURE 1

LIST OF PARTICIPANTS

ROUTINE LICENSING STATUS MEETING

April 7, 1993

Name

Affiliation

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Paul Pace  
Peter Tam  
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TVA Watts Bar Site Licensing  
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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		[ 47]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: Q - LIST.	(05/22/89)	(08/16/90)	(11/07/90C)	(05/31/93T)	(09/30/93T)	Submittal to modify scope by 4/93. (Top 3)
M63591		[ 24]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: EQUIPMENT QUALIFICATION OPEN ISSUE 4	(04/30/91)	(05/01/92)	(02/17/93C)	(09/30/93T)	(03/31/93L)	Review target 6/30/93. Site audit mid to late 1993.
M63597		[ 54]	TS	3	RN	WATTS BAR 1 - CONTAINMENT ISOLATION REVIEW	(10/20/88)	(03/15/89)	(05/12/89C)	(07/31/93T)	(07/31/93T)	Had telecon 12/8/92. Site review mid 1993.
M63632		[ 35]	TS	2	RN	WATTS BAR 1 - WELD OUTSIDE CONTAINMENT (SECT 3.1)	(05/04/90)	(06/04/90)	(11/30/92C)	(04/30/93T)	(.../.../...)	Under review by Lefave, target 4/30/93.
M63648		[ 14]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM: FIRE PROTECTION ISSUE 12, CONF. ISSUE 3	(02/05/92)	(12/15/92)	(03/01/93C)	(09/30/93T)	(08/30/93T)	Both 2/10/93 and 3/1/93 responses under review (Top 1 and 2)
M63649		[ 98]	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)	(06/30/93T)	(.../.../...)	Expect FSAR Chap. 8 fully updated by Amendment 73.
M63655		[ 47]	TS	2	RN	WATTS BAR 1 - SPECIAL PROGRAM: CONTROL ROOM DESIGN REVIEW	(05/22/89)	(04/28/89)	(10/24/90C)	(07/31/93T)	(08/31/93T)	Program review complete. SSER 6. Audit HEDs 6 or 7/93.
M63656		[ 2]	TS	3	RN	WATTS BAR 1 - EMERGENCY PLANNING LIC. COND. 27	(02/12/93)	(.../.../...)	(.../.../...)	(06/30/93T)	(11/30/93T)	2/12/93 submittal under review. Need NRC/TVA/FEMA meeting.
M63657		[ 33]	TS	2	RN	WATTS BAR 1 - PHYSICAL SECURITY PLAN (SECT 13.6)	(07/24/90)	(.../.../...)	(03/26/93C)	(09/30/93T)	(11/30/93T)	3/26/93 submittal under review; may hold mtg. later.
M71917		[ 47]	TS	2	RN	WATTS BAR 1 - CORRECTIVE ACTION PROGRAM (CAP) FOR CABLE ISSUES	(05/22/89)	(.../.../...)	(11/21/91C)	(04/30/93T)	(12/31/93T)	CAP scope to be expanded by 3/93 per 12/8 site review. (Top 4)
M71922		[ 47]	TS	2	RN	WATTS BAR 1 CORRECTIVE ACTION PROGRAM (CAP) FOR REPLACEMENT ITEM (PIECE PARTS)	(05/22/89)	(03/09/89)	(07/01/92C)	(06/30/93T)	(01/31/93L)	Letter to TVA, 7/27/92. Region 11 to do procurement inspectn
M71923		[ 47]	TS	2	RN	WATTS BAR 1 CORRECTIVE ACTION PROGRAM (CAP) FOR QA RECORDS	(05/22/89)	(04/10/91)	(02/04/93C)	(07/31/93T)	(09/30/93T)	1/28 and 2/4 record plans received. NRR/R-11 will inspect.
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	[ 45]	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	[ 7]	TS	3	RN	WATTS BAR 1 - INDIVIDUAL PLANT EVALUATIONS (GL 88-20)	(09/01/92)	(.../.../...)	(.../.../...)	(06/30/93T)	(06/30/93T)	IPE under review, target 6/93 for SE (12/93 if problems).
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.
M76742		[ 40]	TS	2	RN	WATTS BAR 1 - TECHNICAL SPECIFICATION REVIEW	(12/29/89)	(04/02/93)	(04/15/93T)	(09/30/93T)	(.../.../...)	Response to "proof and review" by 3/30/93.
M76881		[ 0]	TS	3	RN	WATTS BAR 1 - INSERVICE INSPECTION (LICENSE CONDITION 4)	(.../.../...)	(.../.../...)	(.../.../...)	(09/30/93T)	(.../.../...)	Submittal by 7/93.
M76972		[ 40]	TS	2	RN	WATTS BAR UNIT 1 - QUALITY ASSURANCE PROGRAM (SER SECTION 17.0)	(12/07/89)	(.../.../...)	(.../.../...)	(06/30/93T)	(.../.../...)	Response to SSER 5 to be in Q-List CAP revision.
M76974		[ 24]	TS	2	RN	WATTS BAR UNIT 1 - SPECIAL PROGRAM : MECHANICAL EQUIPMENT QUALIFICATION	(04/30/91)	(04/09/92)	(02/17/93C)	(07/31/93T)	(12/31/93T)	MEQ status in EQ RAI response of 2/17/93 (TAC M63591).
M77132		[ 91]	TS	2	RN	WATTS BAR 1 - TMI 11.F.2, ON INADEQUATE CORE COOLING INSTRUMENTATION, LIC. COND. 3	(09/19/85)	(08/16/90)	(01/24/92C)	(08/31/93T)	(07/31/93T)	SSER10 accepts 1/24/92 submittal. TVA impl. ltr. by 7/93.
M77222		[ 33]	TS	2	RN	WATTS BAR UNIT 1 - SEVERE ACCIDENT MITIGATION DESIGN ALTERNATIVES (SAMDA) IN THE FES	(07/30/90)	(01/29/91)	(02/11/93C)	(09/30/93T)	(.../.../...)	Response to 1/29/91 RAI under review; more to come by 6/93.

Page	2		Report Date	04/12/93		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
M77543		[ 99]	TS	2	RN	WATTS BAR 1 - PROCEDURE TO ESTIMATE CORE	(01/31/85)	(.../.../...)	(06/30/93T)	(08/30/93T)	(.../.../...)	SSER 5. TVA submittal by 6/93, also address SER p. 9-18 req.
M77553		[ 8]	TS	2	RN	WATTS BAR 1 - OFFSITE DOSE CALCULATION MANUAL (ODOM)	(08/27/92)	(.../.../...)	(.../.../...)	(05/15/93T)	(.../.../...)	A. Massey is reviewer. Target date 4/93.
M77560		[103]	TS	3	RN	WATTS BAR 1 - HEAVY LOADS (LICENSE CONDITION 39)	(09/24/84)	(.../.../...)	(04/30/93T)	(06/30/93T)	(.../.../...)	TVA submittal by 4/93; last write-up in SSER 3, Section 9.1
M77569		[ 97]	TS	2	RN	WATTS BAR 1 - STEAM GENERATOR TUBE RUPTURE ANALYSIS PER WCAP - 11698	(03/31/85)	(.../.../...)	(.../.../...)	(06/30/93T)	(.../.../...)	See SSER 5, 15.6.3. TVA submittal by 4/93.
M79692		[ 27]	TS	2	RN	WATTS BAR 1 - SMALL-BREAK SPECTRA USED AS RESULT OF FSAR AMEND 64	(01/29/91)	(03/25/93)	(04/30/93T)	(05/31/93T)	(.../.../...)	Under review by EOGB and SCSB; need response to RAI.
M79717		[ 27]	PM	2	RN	WATTS BAR 1 - DESIGN CONCERNS ORIGINATING FROM FSAR AMEND 64 OPEN ISSUE 19	(01/04/91)	(08/22/91)	(04/06/92C)	(06/30/93T)	(.../.../...)	Outstanding Issue 19 e to remain open after SSER 11.
M79718		[ 24]	TS	2	RN	WATTS BAR 1 - MECHANICAL SYSTEMS CONCERNS ORIGINATING FROM FSAR AMEND 64, OPEN ISSUE 20	(04/18/91)	(11/20/92)	(01/11/93C)	(04/30/93T)	(.../.../...)	Response of 1/11/93 (on OI 20(a)) under review.
M79992		[ 25]	TS	2	RN	WATTS BAR 1 - SAFETY AND RELIEF VALVE TESTING (TMI 11.D.1)	(03/21/91)	(10/10/91)	(12/26/92C)	(07/31/93T)	(12/31/93T)	Response of 12/26/92 under review, target 7/15/93.
MB0152		[ 30]	TS	3	RN	WATTS BAR 1 - CONTAINMENT EFFECTS DUE TO REMOVAL OF BORON INJECTION TANK	(10/18/90)	(.../.../...)	(01/21/92C)	(04/30/93T)	(.../.../...)	Pages in Amend. 69 still under review by Lefave, target 4/19
MB1063		[ 14]	TS	2	RN	WATTS BAR 1 - USE OF EAGLE 21 PROCESS PROTECTION SYSTEM	(02/26/92)	(.../.../...)	(10/26/92C)	(06/30/93T)	(.../.../...)	More submittals? Eric Lee to visit site 4/26-28. (Top 5).
MB1887		[ 8]	TS	2	RN	WATTS BAR UNIT 1 - USE OF VANTAGE SH FUEL DESIGN	(08/24/92)	(.../.../...)	(.../.../...)	(05/31/93T)	(.../.../...)	On hold pending Amendment 74 (or 73?)
MB2644		[ 15]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 69.	(01/21/92)	(07/14/92)	(04/02/93C)	(05/15/93T)	(.../.../NA)	Reviewing 4/2/93 response on Chap. 14.
MB3202		[ 12]	PM	2	RO	WATTS BAR 1 - DOCUMENTATION OF STAFF ACTIVITIES RELATED TO QTC	(04/30/92)	(.../.../...)	(.../.../...)	(12/30/93T)	(.../.../...)	NRR staff activities only, no TVA involvement.
MB3525	B120	[ 9]	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 problems.
MB3693	B118	[ 16]	PM	3	RR	WATTS BAR 1 - IPEEE FOR EXTERNAL EVENTS (GL 88-20) SUPPLEMENT 4	(12/20/91)	(.../.../...)	(.../.../...)	(12/31/95T)	(.../.../...)	Letter issued to approve 5/22/95 submittal date.
MB3837		[ 10]	TS	2	RN	WATTS BAR 1 - APPLICATION OF LEAK-BEFORE-BREAK TO PRESSURIZER SURGE LINE.	(06/22/92)	(.../.../...)	(03/26/93C)	(04/30/93T)	(.../.../...)	Response under review. SE in near future.
MB4234		[ 8]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 71.	(08/05/92)	(.../.../...)	(03/16/93C)	(05/31/93T)	(.../.../...)	Under review.
MB4249		[ 9]	TS	2	RN	WATTS BAR 1 - CONTROL ROD DRIVE MECHANISM SEISMIC QUALIFICATION.	(07/30/92)	(.../.../...)	(.../.../...)	(05/31/93T)	(.../.../...)	Under review by M. McBrearty of EMEB.
MB4429		[ 8]	TS	2	RN	WATTS BAR 1 - SOLID RAD. WASTE PROCESS CONTROL PROGRAM.	(08/27/92)	(02/16/93)	(06/30/93T)	(07/31/93T)	(.../.../...)	Response to 2/16/93 RAI by 6/93.
MB4733		[ 6]	TS	2	RN	WATTS BAR UNIT 1 - REVISED PRESSURE CALCULATION DUE TO MSLB OUTSIDE CONTAINMENT.	(10/13/92)	(.../.../...)	(.../.../...)	(07/31/93T)	(.../.../...)	Lefave is reviewer. Trying to close per Sequoyah methodology
MB4776		[ 6]	TS	2	RN	WATTS BAR UNIT 1 - UPDATED INFORMATION ON REACTOR VESSEL HIGH POINT VENT.	(10/02/92)	(.../.../...)	(03/19/93C)	(05/15/93T)	(.../.../...)	Under review, target 4/30/93.
MB5037		[ 5]	TS	2	RN	WATTS BAR 1 - FSAR AMENDMENT 72 REVIEW.	(11/30/92)	(.../.../...)	(.../.../...)	(05/31/93T)	(.../.../...)	TVA to consider Pedersen's comments on Chap. 12.
MB5460	B122	[ 0]	TS	2	RR	WATTS BAR 1 - RESPONSE TO NRC B90-01, SUPPL. 1, LOSS OF FUEL OIL IN ROSEMOUNT TRANSMITTERS (FOLLOWUP MPA X001)	(.../.../...)	(.../.../...)	(.../.../...)	(12/31/94T)	(.../.../...)	TVA response by 8/93.
MB5488		[ 3]	TS	2	RN	WATTS BAR 1 - SMALL-BREAK LOCA REANALYSIS	(01/09/93)	(.../.../...)	(.../.../...)	(04/30/93T)	(.../.../...)	Additional info. in 3/17/93 letter under review.

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
M85622	1208	[ 0]	TS	1	RR	WATTS BAR 1 - THERMO LAG (GL 92-08)	( / / )	( / / )	( / / )	(06/30/93T)	( / / )	Awaiting TVA response.
M85712		[ 3]	TS	2	RN	WATTS BAR 1 - APPENDIX G EXEMPTIONS SER REVISION.	(01/28/93)	( / / )	( / / )	(03/31/93L)	( / / )	Revise 1982 SER and review 1/28/93 submittal.
M85774		[ 1]	TS	2	RN	WATTS BAR UNIT 1 FSAR AMENDMENT 73.	(03/30/93)	(02/22/93)	( / / )	(07/31/93T)	( / / )	3/30/93 response to RAI under review.
M85802		[ 1]	TS	2	RN	WATTS BAR 1 - UPFLOW MODIFICATION.	(03/08/93)	( / / )	( / / )	(06/30/93T)	( / / )	Under review by T. Huang of SRXB, target 6/4/93.
M86037		[ 44]	PM	2	LL	WATTS BAR UNIT 1 - RELIEFS TO ASME CODE ADDRESSED IN IR 89-04, 90-02 AND 90-04.	(08/09/89)	( / / )	( / / )	(05/31/93T)	( / / )	Certain old requests found not addressed by NRC.
M86069		[ 1]	TS	2	RN	WATTS BAR UNIT 1 - ECCS EVALUATION MODEL CHANGES PER 10CFR 50.46	(03/17/93)	( / / )	( / / )	(05/31/93T)	( / / )	TVA requested short letter to close this action.
R00514		[ 47]	TS	2	RN	"WATTS BAR UNIT 1: CORRECTIVE ACTION PROGRAM (CAP) PLAN FOR SEISMIC ANALYSIS" AND CIVIL CALC. PROGRAM	(05/22/89)	(01/26/93)	(07/27/92C)	(05/31/93T)	(05/31/93T)	Need stabili. analysis for ERCW barrier by 3/93.
							..... Not Scheduled Actions .....					
M40309		[ 49]	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.