



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

November 3, 1992

Docket Nos. 50-390, 50-391,  
50-438 and  
50-439

APPLICANT: Tennessee Valley Authority (TVA)  
FACILITIES: Watts Bar Nuclear Plant, Units 1 and 2  
Bellefonte Nuclear Plant, Units 1 and 2  
SUBJECT: MEETING SUMMARY - OCTOBER 23, 1992, MANAGEMENT MEETING  
(TAC M72494 and M72495)  
REFERENCE: Meeting notice by P. S. Tam, October 1, 1992

On October 23, 1992, NRC and TVA management representatives met at the NRC headquarters to discuss Watts Bar and Bellefonte issues. Enclosure 1 is the meeting participants list.

Watts Bar Nuclear Plant

TVA reported that Watts Bar has now reached the planned construction craft manpower level of 1350, with Engineering manpower gearing down due to completion of tasks. Construction progress at Watts Bar was characterized as generally on schedule. TVA provided a handout (Enclosure 2) which consists of the agenda of the meeting, the Watts Bar CAP/SP Completion Schedule, and the Watts Bar Recommended Inspection Schedule. TVA reaffirmed the fuel loading date of January 1994. The NRC staff stated that it was prepared to support the necessary Watts Bar licensing activities to meet TVA's fuel load schedule.

TVA reported that it met with the staff in a technical meeting on October 7, 1992, to address proposed tests and modifications to be applied to Thermo-Lag fire retardant materials. TVA has planned to install the materials on approximately 3000 feet of electrical conduit and 800 feet of cable trays. Testing of materials to demonstrate their fire retardant capability will begin in December in the TVA contractor's laboratory. Meanwhile, TVA is evaluating other options in case the materials as modified do not provide acceptable results. In the most extreme case, TVA will consider rerouting cable; if the most extreme case applies, then this activity would likely have an impact on the construction schedule. Representatives of NRC noted that there is now evidence that other materials may pose fire retarding capability problems similar to those of Thermo-Lag and strongly urged TVA to take appropriate action to evaluate this matter.

The staff stated that it will have definitive responses to Region II's technical interface agreements (TIAs) regarding QA records and material traceability within two weeks. The responses to Region II can be published as supplements to the safety evaluations on these two subjects.

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A PDR

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TVA brought up the issue of shutdown technical specifications (an issue currently being addressed generically by the staff), requesting that the staff consider not imposing such in the Watts Bar Technical Specifications currently under development. The staff acknowledged TVA's request and stated that it should not be a problem.

TVA stated that the fuel loading date for Watts Bar Unit 2 is tentatively scheduled for 1999.

Bellefonte Nuclear Plant

TVA indicated that the reviews of Bellefonte position papers were completed last year. All except two issues have been resolved. The two outstanding issues relating to the methodology for peak containment temperature and criteria for evaluating piping, tubing and supports require long-term resolution and are being pursued in a timely fashion.

TVA stated that it will complete the preparation of the Bellefonte reactivation letter by December 1992 and will review the letter with the TVA Board in January 1993. The construction of Bellefonte is not expected to start until May 1995. TVA projects that Unit 1 will start up in 1998 and Unit 2 will start up in 2002.

Original signed by Vic Nerses for  
Frederick J. Hebdon, Director  
Project Directorate II-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Participant list
2. TVA handout

cc w/enclosures:  
See next page

OFFICE	PDII-4/LA	PDII-4/PM	PDII-4/PM	PDII-4/D
NAME	MSanders <i>ms</i>	PTam:as <i>PST</i>	MThadani	FHebdon <i>FHebdon</i>
DATE	11/3/92	11/3/92	11/3/92	11/3/92

Watts Bar Nuclear Plant  
Bellefonte Nuclear Plant

cc:

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Mr. G. L. Pannell, Site Licensing Manager  
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The Honorable Robert Aikman  
County Judge  
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Dayton, Tennessee 37321

The Honorable Johnny Powell  
County Judge  
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Chairman, Jackson County Com.  
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ENCLOSURE 1

LIST OF PARTICIPANTS

MANAGEMENT MEETING ON WATTS BAR AND BELLEFONTE

October 23, 1992

<u>Name</u>	<u>Affiliation</u>
Dave Airozo	"Inside NRC"
Mark Burzynski	TVA
Gordon Clefton	Halliburton NUS
Fred Hebdon	NRC/NRR/Project Directorate II-4
Dean Houston	NRC/ACRS
Roger Huston	TVA Rockville Office
Gus Lainas	NRC/NRR/DRPE
Mark Lombard	MDM Engineering Corporation
H. F. McCluskey	TVA Bellefonte
Mark Medford	TVA
Randy Moist	NRC/NRR/DRIL
W. J. Museler	TVA Watts Bar
Vic Nerses	NRC/NRR/Project Directorate II-4
George Pannell	TVA Watts Bar Site Licensing
Ernie Rossi	NRC/NRR/DRIL
W. Russell	NRC/ADT
Bruce Schofield	TVA Bellefonte
Steve Stein	NRC/NRR/ILPB
Peter Tam	NRC/NRR/Project Directorate II-4
Mohan Thadani	NRC/NRR/Project Directorate II-4
Steve Varga	NRC/NRR/DRPE
John Vorees	TVA Watts Bar Site Licensing

**TVA/NRC MANAGEMENT MEETING**

**OCTOBER 23, 1992**

**I. TVA MANAGEMENT CHANGES**

**II. WATTS BAR**

**MAJOR LICENSING MILESTONE SCHEDULE AND  
INSPECTION NEEDS**

**THERMOLAG**

**QA RECORDS AND MATERIAL TRACEABILITY**

**TECH SPECS**

**III. BELLEFONTE**

**WHITE PAPER STATUS**

**STATUS OF BOARD CONSIDERATION**

**EFFECT OF LEVELIZED CAPITAL BUDGET ON EXPECTED  
LICENSING SCHEDULE**



# WATTS BAR RECOMMENDED INSPECTION SCHEDULE

Activities	Oct '92				Nov '92				Dec '92				Jan '93				Feb '93				Mar '93				Apr '93								
	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25	1	8	15	22	1	8	15	22	29	5	12	19	26
MC 2513 Inspection																																	
NRC Inspection 390, 391/92-29																																	
Corrective Action Program																																	
100% CAP Completion - Master Fuse List																																	
75% CAP Completion - Replacement Items (Piece Parts)																																	
100% CAP Completion - Welding Program																																	
75% CAP Completion - Microbiologically Induced Corrosion																																	
75% CAP Completion - Vendor Information																																	
75% CAP Completion - Large Bore HAAUP																																	
75% CAP Completion - QA Records																																	
Eagle 21 Inspection																																	
DBVP - Mechanical Calcs IDI																																	
100% CAP Completion - Replacement Items (Piece Parts)																																	
75% CAP/SP Completion - Radiation Monitoring																																	
75% CAP Completion - Small Bore HAAUP																																	
75% CAP Completion - HVAC and Supports																																	
75% CAP Completion - Cable Issues																																	
75% CAP Completion - Env. Qual./Mech. Eqpt. Qual.																																	
75% CAP Completion - Cable Trays & Supports																																	
75% CAP Completion - Instrument Lines																																	
75% CAP Completion - Q-List																																	
75% CAP Completion - Fire Protection																																	
100% CAP Completion - Vendor Information																																	
100% CAP/SP Completion - Q-List																																	
75% CAP Completion - Containment Cooling																																	
100% CAP Completion - QA Records																																	
100% CAP/SP Completion - Microbiologically Induced Corrosion																																	
75% CAP Completion - Equipment Seismic Qualification																																	



Distribution

Docket File

NRC & Local PDRs

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S. Stein 12-E-4

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