

## UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

September 24, 1992

Docket Nos. 50-390

APPLICANT: Tennessee Valley Authority (TVA)

FACILITY: Watts Bar Nuclear Plant, Unit 1

SUBJECT: MEETING SUMMARY - SEPTEMBER 15, 1992, MEETING ON

DEVELOPMENT OF TECHNICAL SPECIFICATIONS (TAC M76742)

REFERENCE: Meeting notice by P. S. Tam, September 2, 1992

On September 15, 1992, NRC staff and TVA personnel met at NRC headquarters in Rockville, Maryland, to discuss the milestones, procedure and schedule for development of the Watts Bar Unit 1 Technical Specifications (TS) (see Enclosure for list of attendees). TVA submitted its draft TS, modeled after the latest version of the draft Restructured Standard Technical Specifications (RSTS), on August 27, 1992.

TVA affirmed its official fuel loading date as January 1994. The staff acknowledged TVA's schedule and stated that the Watts Bar TS development schedule would not be driven by the RSTS schedule, but would be closely coordinated with the Watts Bar Integrated Level I Schedule. The staff envisions the Watts Bar TS development schedule as follows:

- September 30, 1992 -- The staff expects to issue Revision 0 of the RSTS, and would base its review of the Watts Bar TS on this revision. From this date on, the staff and TVA will meet as the needs arises, focusing on proposed TS issues stated in the Watts Bar SER and SSERs (NUREG-0847 and supplements).
- March 1993 -- The staff expects to issue the "proof and review" version of the TS. From this date on, staff reviewers and Region II personnel will be resolving with TVA various TS issues.
- July 1993 -- The staff expects to issue the final draft of the TS. Shortly after, contractors will perform an audit to compare the Watts Bar FSAR, TS, SER and SSERs.
- o (Future date not discussed) -- TVA is expected to certify the final TS.

9209290388 920924 PDR ADDCK 05000390 A PDR memo of

The staff reported that a preliminary review of the draft TS reveals nothing drastically out of line when compared to the latest version of the RSTS. Based on the proposed fuel loading date of January 1994, the staff believes that there is ample time to conduct an orderly and timely review of the Watts Bar Unit 1 TS.

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

Enclosure: Participant list

cc w/enclosure: See next page <u>Distribution</u> Docket File NRC PDR Local PDR

T. Murley/F. Miraglia 12-G-18
J. Partlow 12-G-18
S. Varga 14-E-4
G. Lainas 14-H-1

F. Hebdon P. Tam

V. Nerses

M. Sanders

OGC 15-B-18
E. Jordan MNBB-3302

K. Ivey RII G. Walton RII ACRS (10)

J. Wechselberger 17-G-21
E. Merschoff RII
B. Wilson RII

ORG	PDII4/LA. N	PDII4/PM	OTSB	OTSB/SC	OTSB/BC	PDI I <sub>I</sub> 4/D
NAME	MSanders	PTam: also	RGiardina ##	CHoxie CLH	CGrimes	FHebdon
DATE	9/1/92	9/17/92	9/17/92	9/17/92	9/18/92	9/24/92

## Watts Bar Nuclear Plant

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

Mr. D. E. Nunn, Vice President 3B Lookout Place 1101 Market Street Chattanooga, Tennessee 37402-2801

Mr. W. J. Museler, Vice President Watts Bar Nuclear Plant Tennessee Valley Authority P.O. Box 2000 Spring City, Tennessee 37381

Mr. M. J. Burzynski, Manager Nuclear Licensing and Regulatory Affairs Tennessee Valley Authority 5B Lookout Place Chattanooga, Tennessee 37402-2801

Mr. G. L. Pannell, Site Licensing Manager Watts Bar Nuclear Plant Tennessee Valley Authority 3B Lookout Place Spring City, Tennessee 37381

TVA Representative
Tennessee Valley Authority
11921 Rockville Pike
Suite 402
Rockville, Maryland 20852

Mr. Michael H. Mobley, Director Division of Radiological Health 3rd Floor, L and C Annex 401 Church Street Nashville, Tennessee 37243-1532

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

The Honorable Robert Aikman County Judge Rhea County Courthouse Dayton, Tennessee 37321

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

Regional Administrator U.S.N.R.C. Region II 101 Marietta Street, N.W. Suite 2900 Atlanta, Georgia 30323

Senior Resident Inspector Watts Bar Nuclear Plant U.S.N.R.C. Route 2, Box 700 Spring City, Tennessee 37381

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

## **ENCLOSURE**

## LIST OF PARTICIPANTS WATTS BAR TS DEVELOPMENT MEETING SEPTEMBER 15, 1992

## Name

## **Affiliation**

Darrell Gardner TVA Watts Bar Site Licensing Robert Giardina NRC/NRR/Technical Specifications Branch NRC/NRR/Technical Specifications Branch Chris Grimes Chris Hoxie NRC/NRR/Technical Specifications Branch Roger Huston (part-time) TVA Rockville Office Ken Ivey NRC Watts Bar Resident Inspector George Pannell Peter Tam TVA Watts Bar Site Licensing NRC/NRR/Project Directorate II-4 TVA Watts Bar Site Licensing John Vorees



## UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555

September 24, 1992

Docket Nos. 50-390

APPLICANT: Tennessee Valley Authority (TVA)

FACILITY: Watts Bar Nuclear Plant, Unit 1

SUBJECT: MEETING SUMMARY - SEPTEMBER 15, 1992, MEETING ON

DEVELOPMENT OF TECHNICAL SPECIFICATIONS (TAC M76742)

REFERENCE: Meeting notice by P. S. Tam, September 2, 1992

On September 15, 1992, NRC staff and TVA personnel met at NRC headquarters in Rockville, Maryland, to discuss the milestones, procedure and schedule for development of the Watts Bar Unit 1 Technical Specifications (TS) (see Enclosure for list of attendees). TVA submitted its draft TS, modeled after the latest version of the draft Restructured Standard Technical Specifications (RSTS), on August 27, 1992.

TVA affirmed its official fuel loading date as January 1994. The staff acknowledged TVA's schedule and stated that the Watts Bar TS development schedule would not be driven by the RSTS schedule, but would be closely coordinated with the Watts Bar Integrated Level I Schedule. The staff envisions the Watts Bar TS development schedule as follows:

- September 30, 1992 -- The staff expects to issue Revision 0 of the RSTS, and would base its review of the Watts Bar TS on this revision. From this date on, the staff and TVA will meet as the needs arises, focusing on proposed TS issues stated in the Watts Bar SER and SSERs (NUREG-0847 and supplements).
- o March 1993 -- The staff expects to issue the "proof and review" version of the TS. From this date on, staff reviewers and Region II personnel will be resolving with TVA various TS issues.
- July 1993 -- The staff expects to issue the final draft of the TS. Shortly after, contractors will perform an audit to compare the Watts Bar FSAR, TS, SER and SSERs.
- o (Future date not discussed) -- TVA is expected to certify the final TS.

The staff reported that a preliminary review of the draft TS reveals nothing drastically out of line when compared to the latest version of the RSTS. Based on the proposed fuel loading date of January 1994, the staff believes that there is ample time to conduct an orderly and timely review of the Watts Bar Unit 1 TS.

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

Enclosure:

Participant list

cc w/enclosure: See next page <u>Distribution</u> Docket File NRC PDR

Local PDR

T. Murley/F. Miraglia 12-G-18
J. Partlow 12-G-18
S. Varga 14-E-4
G. Lainas 14-H-1

F. Hebdon P. Tam

V. Nerses M. Sanders

OGC 15-B-18 E. Jordan MNBB-3302

K. Ivey RII G. Walton RII

ACRS (10)

J. Wechselberger 17-G-21 E. Merschoff RII B. Wilson RII

ORG	PDII4/LA ↓		OTSB		OTSB/BC	PDI I <sub>1</sub> 4/D
NAME	MSanders	PTam: as	RGiardina	CHoxie CLH	CGrime	FHebdon
DATE	9/1/92	9/17/92	9/17/92		9/18/92	9/:4/92

## Watts Bar Nuclear Plant

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

Mr. D. E. Nunn, Vice President 3B Lookout Place 1101 Market Street Chattanooga, Tennessee 37402-2801

Mr. W. J. Museler, Vice President Watts Bar Nuclear Plant Tennessee Valley Authority P.O. Box 2000 Spring City, Tennessee 37381

Mr. M. J. Burzynski, Manager Nuclear Licensing and Regulatory Affairs Tennessee Valley Authority 5B Lookout Place Chattanooga, Tennessee 37402-2801

Mr. G. L. Pannell, Site Licensing Manager Watts Bar Nuclear Plant Tennessee Valley Authority 3B Lookout Place Spring City, Tennessee 37381

TVA Representative
Tennessee Valley Authority
11921 Rockville Pike
Suite 402
Rockville, Maryland 20852

Mr. Michael H. Mobley, Director Division of Radiological Health 3rd Floor, L and C Annex 401 Church Street Nashville, Tennessee 37243-1532

General Counsel Tennessee Valley Authority ET 11H 400 West Summit Hill Drive Knoxville, Tennessee 37902 The Honorable Robert Aikman County Judge Rhea County Courthouse Dayton, Tennessee 37321

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

Regional Administrator U.S.N.R.C. Region II 101 Marietta Street, N.W. Suite 2900 Atlanta, Georgia 30323

Senior Resident Inspector Watts Bar Nuclear Plant U.S.N.R.C. Route 2, Box 700 Spring City, Tennessee 37381

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

## **ENCLOSURE**

# LIST OF PARTICIPANTS WATTS BAR TS DEVELOPMENT MEETING SEPTEMBER 15, 1992

## <u>Name</u>

## **Affiliation**

Darrell Gardner Robert Giardina Chris Grimes Chris Hoxie Roger Huston (part-time) Ken Ivey George Pannell	NRC Watts Bar Resident Inspector
Ken Ivey George Pannell Peter Tam	NRC Watts Bar Resident Inspector TVA Watts Bar Site Licensing NRC/NRR/Project Directorate II-4
John Vorees	TVA Watts Bar Site Licensing

# NUCLEAR REGULATORY COMMISSION

September 24, 1992

50-390

0

0

0

4

Tennessee Valley Authority (TVA)

:TMA

Watts Bar Nuclear Plant, Unit 1 MEETING SUMMARY - SEPTEMBER 15, 1992, MEETING ON MIRE TECHNICAL SPECIFICATIONS (TAC MIRE) MELITUR SUMMAKY - SEPTEMBER 13, 1992, MELITUR UN DEVELOPMENT OF TECHNICAL SPECIFICATIONS (TAC M76742)

September 15, 1992, NRC staff and TVA personnel met at NRC headquarters in schedule for the milestones, procedure and schedule for ockville. Marvland, to discuss the milestones, procedure and schedule for ockville. September 15, 1992, NRC staff and IVA personnel met at NRC headquarters procedure and schedule for ockville, Maryland, to discuss the milestones, procedure and (TS) (see sevelonment of the Watts Bar Unit 1 Technical Specifications OCKVILLE, Maryland, to discuss the milestones, procedure and schedule for (TS) (see after levelopment of the Watts Bar Unit TVA submitted its draft TS, modeled after levelopment of attendees). Restructured Standard Technical Specification the latest version of the draft Restructured Standard Technical Specification the latest version of the draft Restructured Standard Technical Specification the latest version of the draft Restructured Standard Technical Specification that the latest version of the draft Restructured Standard Technical Specification that the latest version of the draft Restructured Standard Technical Specification that the latest version of the draft Restructured Standard Technical Specifications (TS) (see milestones, procedure and schedule for latest the latest version of the discussion that the latest version Enclosure for list of attendees). TVA submitted its draft TS, modeled after
the latest version of the draft Restructured Standard Technical Specifications
(RSTS), on August 27, 1992

IVA affirmed its official fuel loading date as January 1994. The staff development acknowledged TVA's schedule and stated that the Watts Bar TS development acknowledged TVA's schedule had the RSTS schedule had would not be driven by the RSTS schedule. TVA affirmed its official fuel loading date as January 1994.

TVA affirmed its official fuel loading date as January Ran To Ran acknowledged TVA's schedule and stated that the Watts Bar TS development but would be closely the RSTS schedule, but would be closely the RSTS schedule, schedule. The staff schedule would not be driven by the RSTS schedule in Schedule. The staff the would not be driven by the RSTS schedule as follows:

acknowledged TVA's schedule and stated that the Watts Bar TS development schedule, but would be closely the schedule as follows: (RSTS), on August 27, 1992.

September 30, 1992 -- The staff expects to issue Revision 0 of the RSTS, and would base its review of the Watts Bar TS on this review of the Watts Bar TS on the Watts Bar TS on this review of the Watts Bar TS on this review of the Watts Bar TS on this review of coordinated with the watts bar integrated Level i Schedule as follows: envisions the Watts Bar TS development schedule as follows:

September 30, 1992 -- The staff expects to issue Revision 0 of the RSTS, form and would base its review of the Watts Bar as the needs arises, (NUREG-0847 this date on, the staff and TVA will meet Bar SER and SSERs (NUREG-0847 on proposed TS issues stated in the Watts Bar SER and supplements).

March 1993 -- The staff expects to issue the "proof and review" version of the TC From this data on staff reviewers and Region II nersonnel and supplements).

March 1993 - The start expects to Issue the "proof and review" version of the TS. From this date on, staff reviewers and Region II personnel of the TS. From with TVA various TS issues. or the 13. From this date on, start reviewers or the 13. From this date on, start reviewers to issues.

Will be resolving with TVA various TS issues.

July 1993 -- The staff expects to issue the final draft of the TS.

Shortly after contractors will nerform an audit to compare the Way July 1993 - The staff expects to issue the final draft of the TS.

Shortly after, contractors will perform an audit to compare the Watts Shortly after, SER and SSERs.

Bar FSAR, TS, SER and SSERs. (Future date not discussed) -- TVA is expected to certify the final TS. 0



The staff reported that a preliminary review of the draft TS reveals nothing drastically out of line when compared to the latest version of the RSTS. Based on the proposed fuel loading date of January 1994, the staff believes that there is ample time to conduct an orderly and timely review of the Watts Bar Unit 1 TS.

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

Enclosure:

Participant list

cc w/enclosure: See next page Distribution Docket File NRC PDR

Local PDR

T. Murley/F. Miraglia 12-G-18 J. Partlow 12-G-18 S. Varga 14-E-4 G. Lainas 14-H-1

F. Hebdon P. Tam

V. Nerses

M. Sanders

OGC 15-B-18 E. Jordan MNBB-3302 K. Ivey RII G. Walton RII

ACRS (10)

J. Wechselberger 17-G-21 E. Merschoff RII B. Wilson RII

ORG	PDII4/LA				OTSB/BC	PDI I/4/D
NAME	MSanders	PTam:	RGiardina	CHoxie CLH	CGrime	FHebdon
DATE	9//92	9/17/92	9/17/92	9/17/92	9/18/92	9/:4/92

### Watts Bar Nuclear Plant

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

Mr. D. E. Nunn, Vice President 3B Lookout Place 1101 Market Street Chattanooga, Tennessee 37402-2801

Mr. W. J. Museler, Vice President Watts Bar Nuclear Plant Tennessee Valley Authority P.O. Box 2000 Spring City, Tennessee 37381

Mr. M. J. Burzynski, Manager Nuclear Licensing and Regulatory Affairs Tennessee Valley Authority 5B Lookout Place Chattanooga, Tennessee 37402-2801

Mr. G. L. Pannell, Site Licensing Manager Watts Bar Nuclear Plant Tennessee Valley Authority 3B Lookout Place Spring City, Tennessee 37381

TVA Representative Tennessee Valley Authority 11921 Rockville Pike Suite 402 Rockville, Maryland 20852

Mr. Michael H. Mobley, Director Division of Radiological Health 3rd Floor, L and C Annex 401 Church Street Nashville, Tennessee 37243-1532

General Counsel Tennessee Valley Authority ET 11H 400 West Summit Hill Drive Knoxville, Tennessee 37902 The Honorable Robert Aikman County Judge Rhea County Courthouse Dayton, Tennessee 37321

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

Regional Administrator U.S.N.R.C. Region II 101 Marietta Street, N.W. Suite 2900 Atlanta, Georgia 30323

Senior Resident Inspector Watts Bar Nuclear Plant U.S.N.R.C. Route 2, Box 700 Spring City, Tennessee 37381

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

## **ENCLOSURE**

## LIST OF PARTICIPANTS

## WATTS BAR TS DEVELOPMENT MEETING

## **SEPTEMBER 15, 1992**

Name

<u>Affiliation</u>

Darrell Gardner TVA Watts Bar Site Licensing Robert Giardina NRC/NRR/Technical Specifications Branch Chris Grimes NRC/NRR/Technical Specifications Branch Chris Hoxie NRC/NRR/Technical Specifications Branch Roger Huston (part-time) TVA Rockville Office NRC Watts Bar Resident Inspector Ken Ivey George Pannell TVA Watts Bar Site Licensing NRC/NRR/Project Directorate II-4 Peter Tam John Vorees TVA Watts Bar Site Licensing