



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

October 11, 1991

Docket Nos. 50-390
and 50-391

FACILITY: WATTS BAR NUCLEAR PLANT, TENNESSEE VALLEY AUTHORITY

SUBJECT: MEETING SUMMARY - MANAGEMENT MEETING ON STATUS OF VARIOUS ISSUES
(TAC/M72494 AND/M72495)

REFERENCES: (1) Meeting Notice by P. S. Tam (NRC), September 16, 1991

(2) Summary of September 1991 routine licensing status meeting by P. S. Tam, September 17, 1991.

A management meeting was held on September 30, 1991, in NRC offices as a result of TVA's request. Enclosure 1 is the meeting attendee list. Enclosure 2 is the meeting agenda.

Several major issues were addressed, and highlights and results of the discussion are summarized below:

Readiness for Restart

TVA personnel stated that they are closely managing all activities associated with the construction restart. TVA's weekly Site Report (the September 23, 1991 version is included as Enclosure 3 to this summary) continues to show that resolution of various issues is on track and on schedule. The staff noted that there are no currently identified NRR issues that need resolution before restart (scheduled for November 22, 1991). TVA stated that its contractor, EBASCO, has been given financial incentive for meeting milestones and producing high quality work.

Licensing Risk Ranking

TVA uses a ranking matrix to derive numerical ratings of various licensing actions. Enclosure 4 presents the results of using such a matrix, and shows the nine highest priority issues. These issues have all been identified in the monthly licensing status meeting (Reference 2), and the staff continues to address the issues in a timely fashion. The staff noted that the top two issues, both regarding civil engineering, have been reviewed to such a stage that the staff was providing initial results to TVA on September 30 and October 1, 1991, with written evaluations following shortly.

Performance Measurement

TVA suggested that a performance measure be established by which TVA could measure the NRC staff's timeliness in completing licensing activities (e.g., TVA would issue a periodic report on the number of NRC target completion dates met).

See Report

9112020110 911011
PDR ADDCK 05000390
A PDR

NRC FILE CENTER COPY

Dpd
11
Memo
[Signature]

The staff explained that it has worked with TVA to identify any high priority tasks (e.g., a response is required to support ongoing TVA work), and these tasks have been completed in a timely manner. For lower priority tasks, the staff has continued to work to reduce the backlog of licensing activities, and has reduced the total number of open licensing issues from over 200 in early 1990, to the current level of about 65. The staff recognizes the need to complete these activities to support the licensing of Watts Bar, however, due to their relatively low safety significance and thus low priority, many of these tasks are worked on by technical reviewers on a "when time permits" basis. As noted above, the staff has been quite successful in completing these activities on this basis.

In the monthly licensing status meetings, NRR provides TVA with a "best estimate" of the completion dated for each open licensing action. The staff believes that the best estimates have been useful in effectively utilizing TVA and NRC resources. However, these dates are only best estimates, and they occasionally slip due to the requirements of higher priority work. To view these dates as firm commitments would be unrealistic. In addition, the staff's estimated completion dates often slip due to delays in submittals (e.g., responses to RAIs) from TVA.

When the construction schedule for Watts Bar becomes firm, the staff will establish firm completion dates for the remaining licensing activities, and will ensure that these dates are met so that the completion of these activities will not affect the licensing schedule for Watts Bar.

Thus, the staff does not see any usefulness in establishing a performance measure based solely on completion dates. The staff proposed that if TVA wishes to monitor performance, a better measure would be the backlog of open licensing issues, the rate at which the number is declining, and whether any staff delays in completing actions have had any impact on TVA's schedule or activities.

CAP/SP Status Meetings

There are currently 27 Corrective Action Programs (CAPs) and Special Programs (SPs) that TVA must complete to correct various problems at Watts Bar. Each of these CAPs/SPs has been reviewed by the staff, and a safety evaluation has been written. The bulk of the remaining staff activities consists of regional inspection of implementation of the CAPs/SPs; and, in a few cases, NRR audits of implementation.

TVA expressed a concern that they have had some difficulty determining when a change in the implementation of a particular CAP/SP has deviated from the commitments approved in the SER, and should be reviewed by (or at least discussed with) the NRR staff.

TVA proposed that they conduct periodic meetings with various NRR technical reviewers to describe the current activities associated with each CAP/SP, so that the staff could identify any deviations from the commitments approved in

the various SERs. The staff indicated that such meetings would be very labor-intensive (there are 27 CAPs/SPs covering a wide variety of technical disciplines), and the staff would find it difficult to justify expending the resources required to perform a task that is primarily TVA's responsibility. Instead, the staff indicated that TVA should request a meeting with the staff whenever they are in doubt about the adequacy of their ongoing activities for a specific CAP/SP.

Nuclear Performance Plan Volume 4, Rev. 1

The staff has received this document dated September 6, 1991. Since TVA indicated that the purpose of the revision is to incorporate staff comments (i.e., NUREG-1232, Vol. 4) and to reflect TVA's current organization, review of this document would be straightforward. The staff will communicate with TVA site licensing if problems are encountered.

Watts Bar Completion Plan

TVA informed the staff of the existence of a Watts Bar Completion Plan. TVA briefly discussed the general outline of the plan.

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. Attendees
2. Agenda
3. Site Report
4. Top Licensing Issues
5. Corrective Action Program
6. CAPs and SPs

cc w/enclosures 1, 2, 4, 5, 6
See next page

OFC	: PDII-4/LA	: PDII-4/PM	: PDII-4/D	: DRPE:AD	:
NAME	: MSanders	: PTam:dw/as	: FHebdon*	: GLainas	:
DATE	: 10/11/91	: 10/11/91	: / /91	: 10/10/91	:

Document Name: WBN MTG SUMMARY

*See previous concurrence

cc:

Mr. Marvin Runyon, Chairman
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, Tennessee 37902

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

Mr. W. H. Kennoy, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, Tennessee 37902

Mr. W. F. Willis
Senior Executive Officer
ET 12B
400 West Summit Hill Drive
Knoxville, Tennessee 37902

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

Mr. Dwight Nunn
Vice President, Nuclear Projects
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

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

Mr. Edward G. Wallace
Manager, Nuclear Licensing
and Regulatory Affairs
Tennessee Valley Authority
5B Lookout Place
Chattanooga, Tennessee 37402-2801

Mr. Dan A. Nauman
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Mr. John H. Garrity, Site Vice President
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 800
Spring City, Tennessee 37381

Mr. George L. Pannell
Site Licensing Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 800
Spring City, Tennessee 37381

Mr. H. H. Weber, Manager
Engineering Modifications
Watts Bar Nuclear Plant
Tennessee Valley Authority
P. O. Box 800
Spring City, Tennessee 37381

Honorable Robert Aikman, County Judge
Rhea County Courthouse
Dayton, Tennessee 37322

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

Mr. Michael H. Mobley, Director
Division of Radiological Health
T.E.R.R.A. Building 6th Floor
150 9th Avenue North
Nashville, Tennessee 37219-5404

Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, N. W.
Atlanta, Georgia 30323

Senior Resident Inspector
Watts Bar Nuclear Plant
U. S. Nuclear Regulatory Commission
Route 2, Box 700
Spring City, Tennessee 37381

Tennessee Valley Authority
Rockville Office
11921 Rockville Pike
Suite 402
Rockville, Maryland 20852

Distribution

Docket File

NRC PDR

Local PDR

w/o enclosure 3

F. Miraglia 12-G-18

J. Partlow 12-G-18

S. Varga 14-E-4

G. Lainas 14-H-3

F. Hebdon

P. Tam

M. Sanders

B. Wilson RII

J. Weschelberger 17-G-21

M. Branch RII

G. Walton RII

K. Barr RII

H. Livermore RII

OGC 15-B-18

E. Jordan MNBB-3701

ACRS (10)

L. Reyes RII