

Docket Nos.: 50-438
and 50-439

AUG. 4 1975

APPLICANT: TENNESSEE VALLEY AUTHORITY (TVA)

FACILITY: BELLEFONTE NUCLEAR PLANT, UNITS 1 AND 2 (BNP)

SUMMARY OF MEETING HELD ON JULY 23, 1975, TO DISCUSS THE OPERABILITY ASSURANCE PROGRAM FOR BNP

On July 23, 1975, representatives of TVA and Babcock & Wilcox (B&W) met with the staff to give an overview and a status report on the operability assurance program for the Bellefonte plant. This program was initially described to the staff in the PSAR in response to our request for information #3.83 concerning TVA's intentions to meet the criteria of Regulatory Guide 1.48. The meeting agenda and a list of attendees are attached.

In identifying active seismic Category I fluid system components (pumps and valves), TVA looked at the transients specified in Chapter 15 of the PSAR, selected the systems which were required to function to bring the plant to cold safe shutdown and identified as active the associated pumps and valves which must perform a required mechanical motion.

TVA reviewed for the staff the criteria, specifications, tests and analyses used to assure that the active components will maintain structural and functional integrity.

TVA claimed that the implementation of this program, called for in Regulatory Guide 1.48 and affected by Regulatory Guides 1.50 and 1.61, has had a massive impact on the Bellefonte project. Eighty purchase orders were put on hold resulting in direct costs estimated by TVA to exceed \$10 million. It has also required over eight months for TVA to establish agreements with the suppliers involved for the needed component testing. It has resulted in even greater delays (approximately two years) in the construction schedule for the two units.

TVA informed the staff that the current schedule calls for the testing of some B&W supplied pumps in October of this year and the testing of the decay heat removal pumps and the HPI pumps during the third quarter of 1976. It will be possible for a few members of the staff to witness these tests.

*MEMO
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| SURNAME ➤ | | | | | | |
| DATE ➤ | | | | | | |

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In conclusion, the staff stated that they felt TVA has a good operability assurance program. As part of the staff's follow-up effort on this post-CP item, TVA was requested to submit their test results as they become available. A follow-on meeting to be held in 12 to 18 months was suggested to bring the staff up to date on the status of the program. The staff also requested to be informed of any problems TVA may encounter in the program as they develop.

Original Signed by

J. Giannelli, Project Manager
Light Water Reactors Branch 2-3
Division of Reactor Licensing

Attachments:

1. Agenda
2. List of Attendees

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|-----------|---------------|--|--|--|--|--|
| OFFICE ➤ | x7886/LWR2-3 | | | | | |
| SURNAME ➤ | JGiannelli:ru | | | | | |
| DATE ➤ | 8/ /75 | | | | | |

ATTACHMENT 1

AGENDA

**OPERABILITY ASSURANCE PROGRAM
BELLEFONTE NUCLEAR PLANT**

July 23, 1975

1. Historical developments
2. Selection process (active components)
3. Criteria and specifications (general philosophy)
4. Satisfaction of operability assurance requirements
 - a. Component testing
 - b. In situ testing
 - c. Vendor testing
 - d. Test and analysis
5. Implementation of program to date - Specific examples
6. Problem areas encountered to date
 - Vendor relations/education
 - Costs
7. General discussion
 - NRC participation
 - Projected schedule

ATTACHMENT 2

LIST OF ATTENDEES

TVA

R. Steffy
T. Spink
P. Evans
T. Chapman
J. Williams
G. Curtis
C. Michelson
J. Wooten
W. Shell

B&W

G. Skillman
J. Anderson
H. Ferris

NRC

A. Schwencer
D. Davis
J. Giannelli
J. Knight
F. Cherry
K. Jabbour
V. Noonan
H. Brammer

DISTRIBUTION OF MEETING SUMMARY

DATED AUG. 4 1975

Tennessee Valley Authority
ATTN: Mr. James E. Watson
Manager of Power
818 Power Building
Chattanooga, Tennessee 37401

Mr. R. H. Marquis
General Counsel
629 New Sprakle Building
Knoxville, Tennessee 37902

Mr. E. G. Beasley, Jr.
307 U.B.A.
Tennessee Valley Authority
Knoxville, Tennessee 37902

Docket Files

NRC PDR
LPDR

NRR Reading (M. Groff)

LWR 2-3 Reading File

VAMoore

RCDeYoung

DMuller

KGoller

DSkovholt

RDenise

JStolz

KKniel

ASchwencer

DVassallo

OParr

WButler

BYoungblood

WRegan

GDicker

GKnighton

GLear

RPurple

DZiemann

PCollins

WHouston

RVollmer

TSpeis

RClark

SVarga

MWilliams

RHeineman

RMaccary

HDenton

RTedesco

VStello

JKnight

SPawlicki

LShao

BGrimes

WGammill

MSpangler

JKastner

RBallard

JCollins

GLainas

VBenaroya

TNovak

Tippolito

DRoss

OELD

I&E (3)

SD (3)

EGoulbourne

ACRS (16)

BCRusche

JGiannelli

FCherry

KJabbour

VNoonan

HBrammer

HSilver