

Docket Nos.: 50-390
and 50-391

APPLICANT: Tennessee Valley Authority

FACILITY: Watts Bar Nuclear Plant
Units 1 and 2

MAR 09 1987

SUBJECT: SUMMARY OF MEETING TO DISCUSS AND OBSERVE CONCRETE TESTING
AT THE WATTS BAR NUCLEAR PLANT, UNITS 1 AND 2

On February 18, 1987, representatives of TVA and the NRC met to discuss and observe concrete testing at the Watts Bar Nuclear Plant, Units 1 and 2. Enclosure 1 is a list of attendees and Enclosure 2 is the agenda.

TVA indicated they were approximately 80% complete with the Windsor probe testing program, and only one test result indicated possible low strength. TVA indicated that additional testing would be performed in that area. The staff observed testing in two of the areas of the plant: the auxiliary building and the reactor building.

During the exit meeting, TVA indicated that they were still acquiring data and needed to reduce it to determine whether or not additional testing would be necessary. The staff stated that, although we still believe a core sample testing program is the better method for resolving this issue, the staff will wait and evaluate the Windsor probe test results before reaching a final conclusion regarding the need for additional testing.

The staff indicated that TVA's method of determining confidence levels for the strength of the concrete appeared reasonable. However, the staff further stated that TVA should estimate the worst low strength for the concrete using the most conservative penetration value and the most conservative slope of the strength-Windsor probe regression line in order to be able to provide a conservative, defensible analysis on the strength of the concrete.

In addition, the staff questioned the acceptability of the method for measuring the probe's depth in the concrete. The staff indicated it would look into the matter and, if the method was unacceptable, inform TVA of such.

151

Thomas J. Kenyon, Project Manager
PWR Project Directorate #4
Division of PWR Licensing-A

Enclosure: As stated

cc: See next page

PWR#4 / DPWR-A
TKenyon/rad
03/9/87

PWR#4 / DPWR-A
BJYoungblood
03/9/87

Enclosure 1

Meeting Attendees

February 18, 1987

Name

Organization

Jim Coan	DNE
B.W. Whittier	DNE
H.D. Hutchinson	DNE
M.A. Coner	DNE
R.E. Bullock	DNE
R.O. Barnett	DNE
Robert McKay	Site Directors Staff
Olan J. Parr	Consultant - Reg Licensing
Robert E. Philleo	Consultant to NRC
T.J. Kenyon	NRC Project Manager
George Toto	WBN-S/D
Dave Kulisek	WBN-Reg Lic

4-18-87

1:30 PM FSB CONF. ROOM

NRC SITE VISIT TO WITNESS WINDSOR PROBE
TESTING OF CONCRETE

AGENDA

INTRO -

DAVE KULISEK (LIC)

STATUS & SCHEDULE OF PROGRAM - HOWARD HUTCHENSON (DNE)

WITNESSING OF TESTS/TOUR -

HOWARD HUTCHENSON

DISCUSSION OF AVAILABLE DATA -
AND NRC CONCERNS

MARVIN CONES (DNE)

Mr. S.A. White
Tennessee Valley Authority

Watts Bar Nuclear Plant

cc:

Mr. L. Tomasic
Westinghouse Electric Corporation
P.O. Box 355
Pittsburgh, Pennsylvania 15230

R. L. Gridley
Tennessee Valley Authority
5N157B Lookout Place
Chattanooga, Tennessee 37402-2801

R. W. Cantrell
ATTN: D.L. Williams
Tennessee Valley Authority
400 West Summit Hill Drive, W12 A12
Knoxville, Tennessee 37902

Resident Inspector/Watts Bar NPS
c/o U.S. Nuclear Regulatory
Commission
Rt. 2 - Box 700
Spring City, Tennessee 37381

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission,
101 Marietta Street, N.W., Suite 2900
Atlanta, Georgia 30323

J. A. McDonald
Tennessee Valley Authority
Watts Bar Nuclear Plant
P.O. Box 800
Spring City, Tennessee 37381

George Toto
Tennessee Valley Authority
Watts Bar Nuclear Plant
P.O. Box 800
Spring City, Tennessee 37381

MEETING SUMMARY DISTRIBUTION

Docket File

MAR 09 1987

NRC Participants

T. Kenyon

NRC PDR
L PDR
NSIC
PRC System
PWR#4 Reading File
M. Duncan
OGC-Bethesda
J. Partlow
E. Jordan
B. Grimes
ACRS (10)
TAlexion
TVAOP (3) S. Richardson AR 5029
GZech, RII
NGrace
LSpessard
KBarr
SAConnelly
DMuller
TNovak
BJYoungblood
JHolonich
TKenyon
WLong
BKSingh
KHooks
MReinhart, AR
JThompson
CUpright
JZwolinski
JKepler
SEbnetter

bcc: Licensee & Service List