

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

MAY 15 1987

WBRD-50-390/86-19

10 CFR 50.55(e)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Gentlemen:

WATTS BAR NUCLEAR PLANT UNIT 1 - INVALID COLD FORMING PROCEDURES USED TO BEND
PROCESS PIPE - WBRD-50-390/86-19, - FOURTH INTERIM REPORT

The subject deficiency was initially reported to NRC-Region II Inspector
Al Ignatonis on January 6, 1986, in accordance with 10 CFR 50.55(e),
as NCR WBN 6518 for unit 2 and NCR WBN 6524 for unit 1. Previous reports were
submitted on February 7, April 15, and September 5, 1986, and
January 14, 1987. Below is our fourth interim report for unit 1.

The unit 2 deficiency (WBRD-50-391/86-15) was downgraded in our
September 5, 1986 report to nonreportable under 10 CFR 50.55(e). For unit 1,
the evaluation of the deficiency involves field examination of the pipe bends
made using invalid procedures. Problems with surface irregularities
(scratches, abrasions, mill scale, arc strikes, etc.) which require
engineering evaluation continue to delay completion of the field examination
and evaluation of the bending procedures used. The workplan governing
evaluation of the surface irregularities is presently in the review cycle.
Repair of surface defects and evaluation of the bends will be performed
concurrently with work scheduled to begin in early June 1987. The results of
the bend evaluation will be used to confirm adequacy of the bends or to
determine any necessary corrective actions. We expect to submit our final
report concerning this deficiency on or about October 15, 1987.

If there are any questions, please call R. D. Schulz at (615) 365-8527.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Danner

R. Gridley, Director
Nuclear Safety and Licensing

8705210526 870515
PDR ADDCK 05000390
S PDR

cc: see page 2

FE 27
1/1

MAY 15 1987

U.S. Nuclear Regulatory Commission

cc: Mr. J. A. Zwolinski, Assistant Director
for Inspection Programs
Division of TVA Projects
U.S. Nuclear Regulatory Commission
4350 East West Highway
EWW 322
Bethesda, Maryland 20814

Mr. Gary G. Zech, Director
for Inspection Programs
Division of TVA Projects
Office of Special Projects
U.S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Region II
Atlanta, Georgia 30323

Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

U.S. Nuclear Regulatory Commission
Watts Bar Resident Inspector
P.O. Box 700
Spring City, Tennessee 37381