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SUBJECT: First interim deficiency rept re inadequate drawing control.
 Caused by breakdown of QA program re drawing control.
 Drawings will be updated on daily basis by using TVA receipt forms.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES:

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

August 28, 1980

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

HARTSVILLE NUCLEAR PLANT - REPORTABLE DEFICIENCY - AUDIT HT-G-80-12,
INADEQUATE DRAWING CONTROL (NCR HT-G-80-12)

Initial report of the subject deficiency was made to NRC-OIE,
Region II Inspector R. W. Wright on July 31, 1980. In compliance
with paragraph 50.55(e) of 10 CFR Part 50, we are enclosing the
first interim report of the subject deficiency. TVA anticipates
transmitting the final report on or before November 19, 1980. If
you have any questions, please call Jim Domer at FTS 857-2014.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L M Mills
L. M. Mills, Manager *JD*
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Director (Enclosure) ✓
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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HARTSVILLE NUCLEAR PLANT UNITS 1 AND 2
DRAWING CONTROL
10CFR50.55(e) REPORT NO. 1 (INTERIM)
AUDIT HT-G-80-12, DEFICIENCY NO. 1

On July 31, 1980, TVA notified NRC-OIE Region II, Inspector R. W. Wright, of a potentially reportable condition under 10CFR50.55(e) regarding inadequate drawing control at the Hartsville Nuclear Plant.

This is the first interim report on the subject reportable deficiency. The final report will be forwarded to you by November 19, 1980.

Description of Deficiency

The TVA CONST QA Unit at Hartsville performed an audit of drawings, being used on the site. The auditor surveyed 155 drawings maintained by Engineering and Crafts. The audit revealed 30 drawings which were out of date and/or were superceded by later revisions. A similar nonsignificant audit finding earlier this year had uncovered only 5 of 70 drawings to be similarly deficient. All of the 5 deficient drawings at that time were maintained by Crafts. The 30 deficient drawings identified in the subject audit were found in both engineering and craft disciplines.

Safety Implications

This condition represents a significant breakdown of the QA program regarding drawing control and, if remained uncorrected, design changes important to safety may not have been implemented (pipe hanger location changes, etc.).

Corrective Actions

TVA's Hartsville Document Control Unit (DCU) is generating a list, by computer, of all drawings currently in use and the current revision. This list will be updated on a daily basis by using the TVA drawing receipt forms processed each day. The above list will be used by DCU to survey all drawings files onsite to identify and replace any out-of-date drawings. The files containing the 30 drawings identified in the audit deficiency have been updated to include the current revisions as of August 22, 1980. The remainder of the drawing files onsite are presently being surveyed now beginning with QC drawing files. All files onsite will be surveyed and corrected as necessary by November 7, 1980.

In order to prevent recurrence of this condition, DCU will use the list discussed above to conduct a monthly survey of drawing files including all QC files and 1/3 of all other site drawing files on a rotating basis. This method will ensure that all site drawing files are reviewed on a quarterly basis. Also, memoranda have been sent from the Construction Project Manager to the Construction Superintendent and from the Construction Engineer to site engineering and QC units stressing the necessity of using up-to-date drawings and requesting that all drawing holders be informed accordingly.