TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

November 9, 1982

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USNRC REGION
ATLANTA, GT

HTRD-50-518, -520/82-22

U.S. Nuclear Regulatory Commission
Region II
ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

HARTSVILLE NUCLEAR PLANT UNITS A1 AND A2 - REPORTABLE DEFICIENCY - STORAGE AND PREVENTIVE MAINTENANCE PROGRAM DEFICIENCIES - HTRD-50-518, -520/82-22

The subject deficiency was initially reported to NRC-OIE, Region II, Inspector F. Cantrell on October 7, 1982. In accordance with paragraph 50.55(e) of 10 CFR Part 50, we are enclosing the final report on the subject deficiency.

If you have any questions, please call Jim Domer at FTS 858-2725.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills

L. M. Mills, Manager
Nuclear Licensing

Enclosure
cc: Mr. R. C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE
HARTSVILLE NUCLEAR PLANT UNITS A1 AND A2
STORAGE AND PREVENTIVE MAINTENANCE PROGRAM DEFICIENCIES
10CFR50.55(e) FINAL REPORT
CONST AUDIT NO. HT-G-82-13
HTRD-50-518, -520/82/22

Description of Deficiency

During an audit of the storage and preventive maintenance program by the Site Quality Assurance Audit Unit, five deficiencies were noted. Investigation into the audit has revealed that three of the five deficiencies were written against non-QA items.

The deficiencies on the QA items consisted of improper storage of stainless steel tanks and piping. The tanks were not stored in an upright position and the protective covering had deteriorated. The piping had fallen off its supports and was in contact with the ground and some pipe caps were missing.

Safety Implications

Failure to properly maintain equipment as described in the Quality Assurance Program for the storage and preventive maintenance of mechanical items could result in damage to the equipment and its subsequent failure to perform its safety-related functions, thus having adverse affects on the safe operation of the plant.

Corrective Action

The tanks have been placed in an upright position and moved to inside storage. The piping has been placed on support and pipe caps have been replaced. These two deficiencies have been closed by the Site QA Unit.

A representative from the office of the Manager of Construction visited the project to review site storage conditions. His evaluation was that the overall storage program is in compliance with the Revised OEDC Plan for Storage and Preventive Maintenance for Deferred Nuclear Units.

The responsible craft organizations and the Material Services Unit personnel have been reminded of the importance of the preventive maintenance program. Material Services Unit personnel have been cautioned to be more attentive to storage conditions.

TVA is constantly reviewing the storage and preventive maintenance program to ensure that it complies with the QA requirements imposed by TVA. Basically, this is to ensure that the proper level of protection is afforded to those components which will either be used after the plant restart of sold.

We are now in full compliance and all audit deficiencies have been closed by the auditor.