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MAR 01 1988

Docket No. 50-518
License No. CPPR-150

Tennessee Valley Authority
ATTN: Mr. S. A. White
Manager of Nuclear Power
6N 38A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Gentlemen:

SUBJECT: NOTICE OF VIOLATION
(NRC INSPECTION REPORT NO. 50-518/87-01)

This refers to the Nuclear Regulatory Commission (NRC) team inspection lead by Mr. G. A. Walton on December 16-18, 1987. The inspection included a review of storage activities at your Hartsville facility. At the conclusion of the inspection, the findings were discussed with those members identified in the enclosed inspection report.

The team inspection was performed to assess the storage and maintenance of equipment, housekeeping, and followup on NRC-received allegations at the Hartsville facility. The facilities were toured, storage warehouses were inspected, record storage was inspected and preventive maintenance records were reviewed. The items inspected included pumps, valves, snubbers, fasteners, electric cables and other items associated with the storage of equipment that may be used at other nuclear facilities. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations of activities in progress.

The team inspection found the storage facilities at Hartsville to be generally excellent. Except for the violation identified in this report, and the allegation which was partially substantiated, the equipment sampled was being maintained in accordance with your commitments.

The allegation revealed a problem regarding your practice of allowing nuclear-safety-related equipment to be downgraded and moved out of storage to the weather, then subsequently returned to nuclear reserved status. Although no apparent damage to equipment was found by our inspectors, our position is that if equipment was purchased as nuclear-safety-related and if you subsequently allow the equipment to be used in a nuclear-safety-related installation, then the equipment must be continuously maintained, including storage, as safety-related equipment. The practice of downgrading storage requirements, even with subsequent Quality Control inspections and then upgrading for nuclear application is not an acceptable practice.

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The inspection findings indicate that certain activities appeared to violate NRC requirements. This violation involved failure to implement manufacturers' storage maintenance requirements and to follow storage procedures. The Violation, references to pertinent requirements and elements to be included in your response are described in the enclosed Notice of Violation. In addition, we request you respond with your plans to assure safety-related equipment will be continuously maintained to meet nuclear storage requirements.

Unresolved Items identified in the inspection report involve the adequacy of the preventive maintenance program implementation for items in storage and the tracking and implementation of modifications, NRC Bulletins and Information Notices, etc. for items in storage. These Unresolved Items affect material that could be used at any of your nuclear plants. Your assistance in resolving these items is requested in conjunction with the resolution of the problem discussed above involving multiple changes of storage class and storage conditions. We request you address these items within 90 days of the date of this letter.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

The responses directed by this letter and its enclosure are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Should you have any questions concerning this letter, please contact us.

Sincerely,

orig. signed by W. Little

for Kenneth P. Barr, Acting Assistant
Director for Inspection Programs
TVA Projects Division
Office of Special Projects

Enclosures:

1. Notice of Violation
2. NRC Inspection Report

cc w/encls:

A. T. Mullins, Director Operations
Support
R. L. Cook, Site Manager
R. L. Gridley, Director Nuclear
Safety and Licensing
TVA Representative, Bethesda Office

bcc w/encls: (See page 3)

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bcc w/encls:

S. D. Ebnetter, OSP
S. D. Richardson, OSP
G. G. Zech, OSP
B. D. Liaw, OSP
W. S. Little, OSP/RII
S. A. Elrod, OSP/RII
J. Rutberg, OGC
NRC Resident Inspector
DRS Technical Assistant
NRC Document Control Desk
State of Tennessee

OSP/RII
SPC
SE Elrod:er
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WLL
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02/22/88