



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

*Central File*

*50-280  
281*

AUG 10 1979

In Reply Refer To:  
RII:RWZ  
50-280/79-39  
50-281/79-58

Virginia Electric and Power Company  
ATTN: W. L. Proffitt  
Senior Vice President, Power  
P. O. Box 26666  
Richmond, Virginia 23261

Gentlemen:

This refers to our letter dated July 19, 1979, regarding the inspection conducted June 26-29, 1979, at the Surry facility. The Notice of Violation enclosed with that letter as Appendix A should be disregarded. Based on additional review and discussions with the Office of Nuclear Material Safety and Safeguards, we have determined that 10 CFR 71 was not applicable in that the April 26, 1979 shipment contained no more than a Type A quantity of radioactive material. All references to the two apparent items of noncompliance have been removed from NRC records. This matter was discussed by telephone with W. L. Stewart on August 2, 1979.

Areas examined during the inspection and our findings were discussed in the inspection report provided as Enclosure 2 to our letter of July 19, 1979. A revised page 3 of the inspection report is enclosed. Within the scope of this inspection, no items of noncompliance were disclosed.

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 the enclosure will be placed in the NRC's Public Document Room.

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

*Jack T. Sutherland*

Jack T. Sutherland, Chief  
Fuel Facility and Materials  
Safety Branch

Enclosure:  
Revised Page 3 of Inspection Report  
Nos. 50-280/79-39 and 50-281/79-58

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AUG 10 1979

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cc w/encl  
W. L. Stewart, Manager  
P. O. Box 315  
Surry, Virginia 23883

10. Project Area Tour

The inspector, accompanied by a licensee representative, and equipped with Region II instrumentation, toured each warehouse storage area, construction shed, and selected office space in the steam generator repair project area. The purpose of the tour was to verify licensee's control over contaminated material and wastes. The inspector did not identify any contaminated material or wastes, found no items of noncompliance and had no further questions.

11. Control of Contaminated Tools

The inspector observed the issuance and return of contaminated tools from the tool room inside the Unit No. 2 containment. Discussions with tool room workers, revealed that the majority of tools were accounted for. By their estimate, a normal rate of attrition prevailed. Discussions with the compactor operators inside the Unit 2 containment revealed that an insignificant number of tools were found in the trash. The inspector also observed the use and storage of tools at various job locations within the containment and found no items of noncompliance. The inspector had no further questions.

12. Solid Radwaste Shipments

The inspector reviewed records for solid radwastes for the period April 1, 1979 thru June 28, 1979. The inspector noted that several shipments had been made by the plant in a Chem-Nuclear cask designated by Chem-Nuclear as Model No. 18-450. Licensee's representatives stated that the cask was used to ship relatively hot radioactive drums (i.e., drums which met low specific activity requirements and contained less than Type A quantities for Group III material, 3 curies by 10 CFR 71.4(q) but had surface radiation readings of several rem/hour). Although technically the drums could have been shipped in a rag-top trailer truck, they were shipped in a cask to take advantage of the cask's shielding properties. On April 26, 1979, a Chem-Nuclear Cask Model No. 18-450 was used to ship 1.765 curies of radioactive waste weighing 9800 pounds. Chem-Nuclear Cask Model No. 18-450 is licensed by Certificate of Compliance No. 9122 (issued November 1978, and expires October 1983), which limits the maximum quantity of material in the cask to 8000 pounds. Although the April 26, 1979, shipment did not exceed Type A quantities, and therefore was not subject to 10 CFR 71 or the Certificate of Compliance, an inspector expressed concern that exceeding the weight limitation might have damaged the cask. This concern has been communicated to IE:HQ and NMSS for appropriate action.