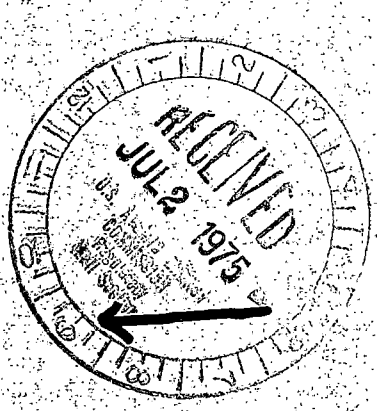
Regulatory Docket File



VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

June 30, 1975

Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 583
PO&M/JTB:clw

Docket Nos. 50-280
50-281

License Nos. DPR-32
DPR-37

Dear Mr. Moseley:

The Virginia Electric and Power Company hereby submits forty (40) copies of Special Report No. SR-S1-75-02.

The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,

C. M. Stallings

C. M. Stallings
Vice President-Power Supply
and Production Operations

Enclosures
40 copies of SR-S1-75-02

cc: Mr. K. R. Goller

7039

SPECIAL REPORT

SR-S1-75-02

VENTILATION VENT GASEOUS RELEASE
AND LIQUID RELEASE

DOCKET NOS. 50-280
50-281

LICENSE NOS. DPR-32
DPR-37

JUNE 11, 1975

SURRY POWER STATION

VIRGINIA ELECTRIC AND POWER COMPANY

I. INTRODUCTION

In accordance with Technical Specification 6.6.B.3 for Surry Power Station, this report describes the release of gaseous wastes in excess of 4 per cent of the Technical Specification limit established by Technical Specification 3.11.B.1.

II. SUMMARY OF OCCURRENCE

During the months of April and May, several non-routine operations contributed significantly to the quantity of liquid waste generated by Unit Nos. 1 and 2. These non-routine operations included demineralizer resin transfer and drainage of numerous pipes and components for maintenance during Unit No. 2 refueling shutdown. The increased generation of liquid waste has required the continuous operation of liquid waste facilities at full capacity. This has resulted in an increase in Iodine-131 activity within the auxiliary building.

On May 2, 1975 the rate of liquid waste release from the station was increased to 10 per cent of the Technical Specification limit to reduce the quantity of stored liquid waste. A continuous controlled release was maintained at a level of 10 per cent of the Technical Specification limit until mid-June.

On May 14, 1975, routine sampling of the ventilation vent gaseous activity revealed an Iodine-131 activity of 6.5 per cent of the Technical Specification limit. Since that time, ventilation vent Iodine-131 activity has exceeded 4 per cent on a number of occasions. Based on existing liquid waste inventory and projected liquid waste generation, it is estimated that it may be necessary to continue operation of liquid waste facilities at

full capacity for an extended period, possibly throughout the quarter. The quarterly limit of 16 per cent of the Technical Specification limit averaged over the quarter as defined in Technical Specification 3.11.B.2 will not be exceeded.

III. CONCLUSION

The generation and accumulation of large quantities of liquid waste, has required the continuous operation of liquid waste facilities at full capacity. This has resulted in an increase in Iodine-131 activity within the auxiliary building. As a result, ventilation vent Iodine-131 activity has exceeded 4 per cent of the Technical Specification limit.