

INSERVICE INSPECTION PROGRAM  
REFUELING OUTAGE NO. 2  
SURRY POWER STATION  
UNIT NO. 1

NOVEMBER 25, 1975

REPORT NO. ISI 75-6

DOCKET NO. 50-280  
LICENSE NO. DPR-32

VIRGINIA ELECTRIC AND POWER COMPANY

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## I. INTRODUCTION

In accordance with the requirements of Technical Specification 6.6.C, this report contains a summary of the preliminary results of the inservice inspection activities performed during Refueling Outage No. 2 of Unit No. 1 at the Surry Power Station.

## II. SUMMARY OF RESULTS

The inservice inspections performed during the period covered by this report included the basic areas listed below:

1. Low head safety injection system piping located in valve pit (Item 7.2 of Technical Specification 4.2).
2. Steam generator tube eddy current inspections.

### Low Head Safety Injection System Piping in Valve Pit

The low head safety injection system piping located in the valve pit was visually inspected. No significant indications were noted. Arc strikes were removed by grinding.

### Steam Generator Tube Eddy Current Inspections

Eddy current inspections of the steam generator tubes were performed in accordance with Regulatory Guide 1.83. As a result of these inspections a number of tubes were plugged.

The eddy current inspections and tube gauging indicate that localized tube diameter reductions have occurred in the steam generators. These reductions have been caused by "denting." Because of the generic nature of "denting" it will not be discussed herein.

Although significant "thinning" and "denting" of tubes have been experienced, their integrity has been maintained and they are capable of performing their design function.

### III. CONCLUSIONS

The results of the inservice inspections performed verified the integrity of the systems and components examined.

Based on the results of the inservice inspection program, as summarized herein, the safety systems and components inspected have not experienced significant degradation and there is reasonable assurance that they will continue to perform their design functions.