

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

November 10, 1988

United States Nuclear Regulatory Commission
Attn: Mr. Malcom Ernst, Acting Regional Administrator
Region II
101 Marietta Street, N. W.
Suite 2900
Atlanta, Georgia 30323

Serial No. 88-726
NL/ETS:vlh
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Ernst:

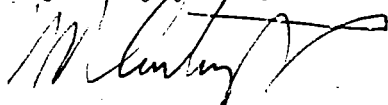
VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNITS 1 AND 2
RADIATION PROTECTION PROGRAM UPGRADE STATUS

As discussed in a telephone conference call with Mr. C. Hosey of your staff, on October 31, 1988, we are providing a summary of the current status of our Radiation Protection Program upgrade efforts.

We are looking forward to meeting with your staff on November 17, 1988, to discuss the current status.

Should you have any questions, please call.

Very truly yours,



W. R. Cartwright
Vice President - Nuclear

Attachment

cc: United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Mr. W. E. Holland
NRC Senior Resident Inspector
Surry Power Station

Mr. Chandu P. Patel
NRC Surry Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II

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RADIOLOGICAL PROTECTION PROGRAM

CONCERN

**BREAKDOWN IN MANAGEMENT CONTROLS AND
RADIOLOGICAL PROTECTION PROGRAM**

CORRECTIVE ACTION STATUS

PROGRAMMATIC

- **INSTITUTED DETAILED PRE-JOB BRIEFING - COMPLETED 6 / 88**
 - **100 MREM: GUIDELINES**
 - **1000 MREM: DETAILED SIGN-OFF PROCEDURE**
- **MANAGEMENT REVIEW OF OVEREXPOSURE EVENT WITH STATION PERSONNEL - COMPLETED 6 / 88**
- **MANAGEMENT REVIEW OF OVEREXPOSURE EVENT WITH HP PERSONNEL - COMPLETED 7 / 88**
- **CONSULTANT EVALUATION OF RADIATION PROTECTION PROGRAM COMPLETED 7 / 88**

CORRECTIVE ACTION STATUS (cont)

PROGRAMMATIC

- **RADIATION PROTECTION PLAN IMPLEMENTATION**
 - **GROUP I PROCEDURES IN PLACE - COMPLETED 9 / 88**
 - * **RESPIRATORY PROTECTION**
 - * **RADIATION WORK PERMIT**
 - * **CONTAMINATION CONTROL**
 - * **RADIOACTIVE MATERIAL CONTROL**
 - * **INSTRUMENTATION**
 - * **SURVEYS**
 - **REMAINING PROCEDURES ON SCHEDULE FOR FULL IMPLEMENTATION BY 1 / 89**

CORRECTIVE ACTION STATUS (cont)

ORGANIZATIONAL

- **RADIOLOGICAL ENGINEERING FUNCTION ESTABLISHED**
 - **POSITION OF SUPERVISOR RADIOLOGICAL ENGINEERING ESTABLISHED - 7 / 88**
 - **ONE VIRGINIA POWER AND TWO CONTRACT PERSONNEL IN PLACE - COMPLETED 8 / 88**
- **COMBINED RADWASTE AND DECON UNDER A NEW SUPERVISOR POSITION - COMPLETED 7 / 88**
- **RECRUITED A RELIEF SUPERINTENDENT - COMPLETED 10 / 88**
- **RECRUITED A CORPORATE RADIOLOGICAL ASSESSOR - COMPLETED 8 / 88**

CORRECTIVE ACTION STATUS (cont)

EVALUATION /OBSERVATION

- **HEALTH PHYSICS SUPERVISOR VISITATION TO OTHER SITES**
 - **FIRST VISIT COMPLETED - 9 / 88**
 - **INPO EVALUATION PARTICIPATION - 11 /88**
 - **ADDITIONAL INPO EVALUATION PARTICIPATIONS
PLANNED IN 1989**
 - **OTHER SITE VISITS ARE PLANNED FOLLOWING THE
UNIT OUTAGES**

- **SEND STATION AND CORPORATE HEALTH PHYSICS TEAM TO JAPC**
 - **SCHEDULED FOR 1 / 89**

CORRECTIVE ACTION STATUS (cont)

EVALUATION/ OBSERVATION

- **CONTRACTORS - TRAINING; ACCOUNTABILITY**
 - **TRAINING FOR CONTRACTORS - COMPLETED 9 / 88**
 - **TRAINING FOR CONTRACTOR SUPERVISOR - COMPLETED 9 / 88**
 - **FORMALLY EVALUATED HEALTH PHYSICS TECHNICIAN CONTRACTORS - COMPLETED 9 / 88**
 - **REQUIRE PERFORMANCE EVALUATION - BEGAN 8 / 88**

CORRECTIVE ACTION STATUS (cont)

HUMAN FACTORS

- **HUMAN FACTORS UPGRADE TO RAD PROTECTION PROGRAM**
 - **HEALTH PHYSICS TEAM ESTABLISHED 8 /88**
- **ASSESSMENT FUNCTION**
 - **CORPORATE ASSESSOR AND TWO CONTRACTORS ON SITE 9 / 88**

MANAGEMENT CONTROLS STATUS

- **FORMATION OF CENTRALIZED PROCEDURE DEVELOPMENT STAFF**
 - **CONSOLIDATED DEVELOPMENT**
 - **ENSURE CONSISTENCY AND INTEGRATION**
 - **ENSURE PROPER ARCHITECTURE AND HUMAN FACTORS**
 - * **NUCLEAR SPECIALIST ASSIGNED TO CORPORATE - 1 / 88**
 - * **CONSULTANT SUPPORT ADDED - 2 / 88**
 - * **STATION WRITERS GROUP ASSEMBLED -8 / 88**
 - * **NOD STANDARD ISSUED - 8 / 88**
 - * **WRITERS GUIDE PUBLISHED - 10 / 88**

MANAGEMENT CONTROLS STATUS (cont)

- **CONSULTANT REVIEW OF STATION PLANNING ACTIVITIES AND MANAGEMENT**
 - REVIEW COMPLETED - 8 / 88
 - ACTION PLAN ESTABLISHED - 10 / 88

- **STATION PLANNING - TASK TEAM AT SURRY**
 - TEAM ESTABLISHED - 7 / 88
 - PRESENTATION TO MANAGEMENT - 8 / 88

- **STANDARDS REINFORCEMENT - CORPORATE ASSIST**
 - FULL-TIME AND PART-TIME COACHES - BEGAN 7 / 88

MANAGEMENT CONTROLS STATUS (cont)

- **UNIT 2 OUTAGE - SURRY**
 - **REDUCED LOADING/SCHEDULE - COMPLETED 9 / 88**
 - **ESTABLISHED AN OUTAGE MANAGER - 8 / 88**
 - **HELD SPECIAL OUTAGE MANAGEMENT TEAM TRAINING FOR DESIGNATED STATION SUPERVISION - COMPLETED 8 / 88**
 - **STAFFED FOR UNIT 1 OUTAGE USING NORTH ANNA PERSONNEL COMPLETED 9 / 88**
 - * **OUTAGE MANAGER**
 - * **OUTAGE PLANNER**
 - * **RADIOLOGICAL PROTECTION**
 - * **CORPORATE OVERSITE AND INTERFACE ON SITE**