

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

June 23, 1989

19 JUN 27 11:00

United States Nuclear Regulatory Commission
Attention: Mr. Stewart D. Ebnetter
Regional Administrator, Region II
101 Marietta Street, N.W.
Suite 2900
Atlanta, Georgia 30323

Serial No. 89-188
NO/ETS:vh R3
Docket No. 50-280
License No. DPR-32

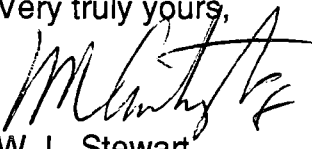
Dear Mr. Ebnetter:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNIT 1
STATUS OF ITEMS IDENTIFIED IN THE MARCH 9, 1989
CONFIRMATION OF ACTION LETTER

Per your recent request to formally document resolution of Confirmation of Action Letter (CAL) items prior to unit restart, attached is a status of those items identified in your March 9, 1989 letter. The status of each CAL item is further identified into component subparts as previously specified in our May 22, 1989 meeting at Surry. Required procedure revisions, although not identified in the CAL as a subitem, are ongoing and will be completed prior to restart.

Should you have any questions, please contact us.

Very truly yours,


W. L. Stewart
Senior Vice President - Power

Attachment

cc: U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

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

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ATTACHMENT

**STATUS OF ITEMS
IDENTIFIED IN THE MARCH 9, 1989
CONFIRMATION OF ACTION LETTER**

**STATUS OF ITEMS IDENTIFIED IN THE
CONFIRMATION OF ACTION LETTER**

ITEMS PREVIOUSLY CLOSED BY NRC

UNIT 1 STATUS

- | | |
|--|----------|
| 1. Replacement of secondary plant piping due to pipe wall thinning | Complete |
| 2. Resolution of Class 1 piping socket weld integrity | Complete |
| 3. Modifications to prevent gas binding in both units ECCS systems | Complete |
| 4. Resolution of refueling cavity seal deficiencies | Complete |

ITEMS TO BE COMPLETED PRIOR TO RESTART

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|---|----------|
| 1. Correction of Safety System Functional Inspection findings involving the Service Water System. | |
| A. Canal Level Design Basis And Configuration | |
| (1) Canal Inventory Design Basis Accident Calculations | Complete |
| (2) Technical Specification Changes | Complete |
| (3) Service Water/Circulating Water System Modifications | Complete |
| B. Emergency Service Water (ESW) Pumps | |
| (1) ESW Pump and Diesel Refurbishment | Complete |
| (2) ESW Pump Diesel Electrical Enhancements | Complete |
| (3) ESW Pump Flow Capability Upgrade | Complete |
| (4) Special Testing | Complete |
| C. Service Water Heat Exchanger Performance | |
| (1) Recirculation Spray Heat Exchanger Surveillance | Complete |

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|----|---|------------------|
| | (2) Main Control Room Chiller/Condenser Testing | Complete(2),(3) |
| | (3) Heat Exchanger Performance Evaluation Report | Complete |
| 2. | Completion of emergency diesel generator sequence logic testing (i.e. load sequencing for worst case loading scenario of LOOP subsequent to LOCA). | |
| | A. Load Sequencing Modifications and Testing | Complete |
| | B. Final Summary Report to NRC | Submitted |
| 3. | Completion of modification and testing of control room envelope ventilation system (i.e. air conditioning capacity for Main Control Room and Emergency Switchgear Room). | |
| | A. Special Testing | Complete |
| | B. Interim Condition Modifications | Complete(1), (2) |
| | C. Technical Specification Changes | Complete |
| | D. Final Testing | Complete(3) |
| 4. | Inspection and repair of deficiencies identified on safety-related motors to include completion of repairs and testing of the inside and outside recirculation spray pumps and motors (i.e. safety-related electrical power termination inspections). | |
| | A. Inside and Outside Recirculation Spray Pumps and Motors | Complete |
| | B. Other Inspections and Repairs | Complete(1) |
| 5. | Resolution of deficiencies identified on safety-related motor operated valves. | |
| | A. Evaluation | Complete |
| | B. Comprehensive Maintenance | Complete(1) |

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|----|---|-----------------|
| C. | Testing | Complete(1) |
| 6. | Completion of system walkdowns and appropriate disposition of identified deficiencies. | |
| A. | Walkdowns | Complete |
| B. | Document Reviews | Complete |
| C. | Disposition of Startup Related Deficiencies | 99% Complete(3) |
| D. | Additional Special Testing | Working(6) |
| 7. | Separation verification of divisional emergency power. | |
| A. | Dead Bus Testing | Complete |
| B. | Integrated Logic/Functional Testing | Complete(3) |
| 8. | Resolution of deficiencies identified on safety-related components involving replica parts. | |
| A. | Records Investigation | Complete |
| B. | Disposition of Non-OEM Parts | Complete |
| C. | Rebuild of Affected Pump | Complete(4) |
| 9. | Inspection and resolution of any identified operability issues concerning the control room habitability systems (i.e. assessment of North Anna inspection results for applicability). | |
| A. | Engineering Analysis/Evaluation | Complete |
| B. | Modification of Docketed Dose Calculation | Submitted |
| C. | Modification for Automatic Initiation | Complete |
| D. | Testing | Complete(5) |

10. Inspection, cleaning and testing of safety-related 4160 volt breakers.

A. Inspection	Complete
B. Refurbishment	Complete

11. Restoration of the foundation and instrument air system compressors to design basis operability.

A. Foundation Repair	Complete
B. Compressor Refurbishment	Complete(7)

Footnotes:

- (1) Item complete pending final technical review closeouts
- (2) Item complete except for associated procedure revision.
- (3) Disposition of remaining items requires SNSOC review.
- (4) Although not related to the CAL item, low head safety injection pump 1-SI-P-1A is presently undergoing maintenance.
- (5) Although not identified as a CAL item, control room envelope pressure testing remains to be completed prior to leaving Cold Shutdown.
- (6) Items scheduled to be completed prior to criticality
- (7) Unit 1 compressor complete.
Unit 2 compressor undergoing testing and evaluation.