

VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

June 14, 1990

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

Serial No.: 90-312  
NL/RPC R1  
Docket Nos.: 50-280  
50-281  
License Nos.: DPR-32  
DPR-37

Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**SURRY POWER STATION UNITS 1 AND 2**  
**CORRECTIVE ACTION PLAN**  
**NRC INSPECTION REPORT NOS. 50-280/90-09 AND 50-281/90-09**

We have reviewed your letter dated May 15, 1990, in reference to the NRC inspection which was reported in Inspection Report Nos. 50-280/90-09 and 50-281/90-09. Our response which includes the schedule and plan for resolving the findings itemized in the inspection report is provided in the attachment.

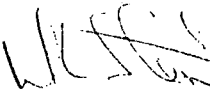
Ongoing activities are focused on continuing improvement of the Emergency Operating Procedures (EOPs) through the Operations and Training Departments in addition to corrective actions identified through various other self assessment mechanisms. Abnormal Procedures (APs) and Fire Contingency Action (FCA) procedures are being upgraded via the Technical Procedure Upgrade Program. Those APs referenced in EOPs are being given priority in the upgrade process. The FCAs are not utilized in the EOPs and the upgrade of these procedures will start in 1991.

Inspector Followup Item 280,281/90-09-02 requires clarification. When this item was discussed at the exit meeting on April 12, 1990, Virginia Power agreed to implement sound powered phone communications and to advise the NRC in about one month of the status of this implementation. In our telephone conversation on May 16, 1990, we reported that the essential locations had been identified, sound powered equipment had been located, and engineering was underway. The current status is that engineering has been completed and the equipment will be in place by July 15, 1990.

We have no objection to this inspection report being made a matter of public disclosure.

If you have any further questions, please contact us.

Very truly yours,

  
W. L. Stewart  
Senior Vice President - Nuclear

Attachment

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PDR ADCK 05000280  
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cc: U. S. Nuclear Regulatory Commission  
Region II  
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Mr. W. E. Holland  
NRC Senior Resident Inspector  
Surry Power Station

## ATTACHMENT

### Response to NRC Inspection Report Nos. 50-280/90-09 and 50-281/90-09

IFI Number	Description, Paragraph	Status
IFI 280,281/90-09-01	Revise AP-12.01, Loss of intake canal, within one week, paragraph 3 and Appendix B.	Complete.
IFI 280,281/90-09-02	Initiate operator use of sound powered phones within one month, paragraph 3.  (see discussion in cover letter)	Utilization of the sound powered phone system will be implemented by July 15, 1990.
IFI 280,281/90-09-03	Provide emergency battery power to operations radio repeaters, paragraph 3.	An engineering study has been initiated to determine how alternate power should be provided to emergency communication equipment. This study will be completed by June 28, 1991, and a plan of action will be formulated at that time.
IFI 280,281/90-09-04	Conduct IPE analysis of loss of intake canal resulting from loss of all AC power to a unit, paragraph 3.	An Individual Plant Examination (IPE) is currently being conducted which will address the canal level question. A report is planned to be issued pursuant to our response to GL 88-20 and is scheduled for November 30, 1990.
IFI 280,281/90-09-05	Revise 18 steps in 15 procedures to address technical deficiencies within 12 weeks, paragraph 3 and Appendix B.	Because of the requirement to rotate through the Operating Shifts, training on the revised procedures will be completed and the procedures implemented by August 31, 1990, approximately 16 weeks from the date of the letter.
IFI 280,281/90-09-06	Revise one step in AP-22.01, Loss of refueling cavity level, prior to refueling outage, paragraph 3 and Appendix B.	This revision will be in place by August 1, 1990.
IFI 280,281/90-09-07	Corrective actions for all technical and human factors comments, paragraph 3 and Appendix B.	These comments will be evaluated and appropriate corrective actions will be completed with Revision 3 to the EOPs, currently scheduled for implementation by March 31, 1991.
IFI 280,281/90-09-08	Corrective actions for all writer's guide comments, paragraph 3 and Appendix C.	These actions will be completed by September 1, 1990.
IFI 280,281/90-09-09	Corrective actions for all nomenclature and labeling items, paragraph 4 and Appendix	These actions will be completed by July 31, 1990, subject to availability of materials.