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281VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 18, 1980

Mr. James P. O'Reilly
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Serial No. 366
PO/JOE:smv
Docket Nos. 50-280
50-281
50-338
License Nos. DPR-32
DPR-37
NPF-4

Dear Mr. O'Reilly:

IE BULLETIN 79-01B
ENVIRONMENTAL QUALIFICATION OF
CLASS 1E ELECTRICAL EQUIPMENT
SURRY POWER STATION UNITS 1 AND 2
NORTH ANNA POWER STATION UNIT 1

In response to requests made by your staff in telephone conversations on April 7, 1980 and April 11, 1980 concerning the subject bulletin, we are providing the following information.

We previously provided to you a schedule for the submittal of the 45-day Report in our letter Serial No. 204, dated March 18, 1980. Your staff expressed concern regarding the length of time required for the 45-day Report and requested that we resubmit a schedule for this report. The schedule as originally proposed was predicated on the following:

1. Our interpretation of the bulletin which required that all appropriate documentation, test reports, etc. be reviewed and on file prior to submittal of the report. Difficulty in obtaining actual test reports on qualification lengthened the submittal schedule.
2. Manpower limitations of our Architect-Engineer who is assisting in the response to the subject bulletin. Personnel associated with the review are also involved with NUREG-0588 Review (Environmental Qualification of Electrical Equipment) for North Anna Unit 2, NUREG-0578 Review (Design Review of Plant Shielding and Environmental Qualification) for specific material degradation concerns which is required by the NRC TMI-2 "Lessons Learned" Task Force, other electrical systems reviews required by IEB-79-27, and design modifications underway on Surry Unit 2.
3. Additional field verification effort required to incorporate outside containment systems for Surry Units 1 and 2 on the "master lists" since they were not previously addressed on the IEB-79-01 submittal.

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We were also requested to address the 90-day Report and provide a schedule of completion. We indicated additional temperature and pressure profile analyses were required to adequately address equipment qualification in areas outside containment affected by a High Energy Line Break (HELB). It was reiterated that the Appendix to the FSAR ('72 HELB Report) would be used as a basis for break size and locations. In addition to HELB concerns, the review of NUREG-0578 (Design Review of Plant Shielding and Environmental Qualification) affects the 90-day Report since it addresses radiation dose levels outside containment due to LOCA and associated circulation of contaminated fluids outside containment. This review is in final stages of completion but must be completed prior to calculating expected dose to affected electrical equipment.

Based on the above considerations, we submit the following schedule of submittals:

1. 45-Day Report

North Anna Unit 1)
Surry Unit 1 & 2) June 16, 1980

2. 90-Day Report

North Anna Unit 1 - August 18, 1980
Surry Unit 1 & 2 - October 1, 1980

If you have any questions or require any additional information, please advise.

Very truly yours,



B. R. Sylvia

Manager - Operations and Maintenance,
Nuclear Operations Department

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cc: Mr. Victor Stello, Director
Office of Inspection and Enforcement