



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

October 12, 1978

Docket Nos. 50-280
and 50-281

Virginia Electric and Power Company
ATTN: Mr. W. L. Proffitt
Senior Vice President - Power
Post Office Box 26666
Richmond, Virginia 23261

Gentlemen:

By letter dated September 29, 1978, you responded to our letter dated September 14, 1978, which requested the performance of environmental qualification testing on certain Continental cable used at the Surry Power Station.

You stated in your letter that you intend to perform the testing and you submitted your test program for our review.

We find your test program acceptable except for the acceptance criterion; "short term for safety system initiation following an accident". Your proposed acceptance criterion is that current measurements must remain between 24 and 26 milliamps during the first five minutes of the tests. We request that you either maintain the current reading throughout the tests or meet the following criteria:

Equipment that must function in order to mitigate the accident and that must not fail in a manner detrimental to either plant safety or accident mitigation should be qualified to demonstrate: (1) operability in the accident environment for the time required for accident mitigation with safety margin; and (2) capability to withstand the accident environment for the time during which it must not fail in a manner detrimental to safety.

We request that you provide the technical bases for the time interval and the safety margin prior to conducting the tests if you choose not to maintain the current for the entire tests.

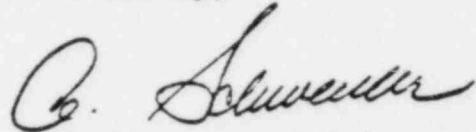
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Please provide the results of the tests as soon as practicable after the completion of the tests.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer".

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

cc: See next page

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cc: Mr. Michael W. Maupin
Hunton & Williams
Post Office Box 1535
Richmond, Virginia 23213

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