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December 8, 1977

Mr. Boyce H. Grier, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

NRC IE BULLETINS NOS. 77-05 AND 77-05A
"ELECTRICAL CONNECTOR ASSEMBLIES"
NO. 1 AND 2 UNITS (DOCKET NOS. 50-272 AND 50-311)
SALEM NUCLEAR GENERATING STATION

In response to your letter of November 8, 1977 transmitting NRC IE Bulletin No. 77-05 and supplement thereto (77-05A) dated November 15, 1977, we have investigated this matter with respect to applicability to Salem No. 1 and 2 Units. The following summarizes the results of our investigation.

A review of the Salem Units 1 and 2 design has revealed that electrical connectors of the type tested by Sandia Laboratories are not used in systems located inside the containment, that are subject to a LOCA environment and are required to be operable during and/or following a LOCA. Further we have determined that there are no electrical connectors of any type used in safety-related systems (whether inside or outside the containment) which could be exposed to adverse conditions/events for which the systems are required to function. This includes such events as feedwater line breaks, steam line breaks, the high energy line breaks analyzed in Chapter 14 of the FSAR, or LOCA's.

If you require additional information, we will be pleased to discuss it with you.

Very truly yours,

F. W. Schneider

CC: U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Div. of Reactor Construction Inspection
Washington, D.C. 20555

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