

# GENERAL ELECTRIC

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NUCLEAR ENERGY

SYSTEMS DIVISION  
NUCLEAR ENERGY  
PROJECTS DIVISION  
MFN-453-77

November 17, 1977  
Ltr. No. 781-106-77

U. S. Nuclear Regulatory Commission  
Division of Project Management  
Office of Nuclear Reactor Regulation  
Washington, D. C. 20555

Attention: Mr. Olan D. Parr, Chief  
Light Water Reactors Branch No. 3

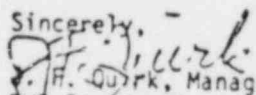
Gentlemen:

SUBJECT: GENERAL ELECTRIC HIGH PRESSURE CORE SPRAY SYSTEM POWER  
SUPPLY UNIT; QUALIFICATION TESTING

Reference: Letter, dated December 17, 1976, Olan D. Parr (NRC) to  
Dr. G. G. Sherwood (GE), "General Electric Topical  
Report NEDO-10905".

The General Electric High Pressure Core Spray (HPCS) Diesel Generator Prototype Qualification Test Program is herewith transmitted for NRC review. This test program has been developed in order to demonstrate the performance of the diesel generator power supply for the HPCS system which will be utilized in many BWR/5 and BWR/6 plants. As noted in the referenced letter, the NRC requires that these tests be performed prior to utilizing the GE HPCS system power supply unit in any nuclear power plant. Thus, we have arranged to conduct the tests, simulating as close as practicable a typical HPCS system configuration, at an actual plant site and prior to pre-operational testing. The tests are scheduled for the second quarter of 1978, therefore we encourage the NRC staff's attention to the timely review and evaluation of the proposed qualification program.

We would be pleased to discuss the details of the qualification program and assist the staff completing its evaluation. If there are any questions regarding this matter, please contact Mr. R. B. Johnson at 408-925-3297.

Sincerely,  
  
J. H. Quirk, Manager  
BWR Standardization Unit

JFQ:cc/104

Attachments

cc: L. S. Gifford (GE Bethesda)  
T. A. Ippolito (NRC)  
W. F. Kane (NRC)

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