

**PUGET  
POWER**

April 15, 1982  
PLN-254



Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Puget Sound Power & Light Company  
Skagit/Hanford Nuclear Project, Units 1 & 2  
Docket Nos. 50-522 and 50-523  
Request for Information on Unresolved  
Safety Issues

Reference: Robert V. Myers letter PLN-245 to  
Harold R. Denton dated February 22, 1982

Dear Mr. Denton:

Attached is our revised response to Generic Issue A-24 previously transmitted by the above referenced letter. This revised response incorporates comments received March 16, 1982 in a telephone conversation between Messrs. Mallory and LaGrange, NRC, and Mr. T. Grebel of Northwest Energy Services. The revisions are indicated by a dark vertical line in the right-hand margin of the page.

Very truly yours,

Robert V. Myers  
Vice President  
Generation Resources

cc: R. Tedesco, NRC  
E. Adensam, NRC  
M. Mallory, NRC  
P. LaGrange, NRC

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s/  
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## ENVIRONMENTAL QUALIFICATION OF SAFETY RELATED ELECTRICAL EQUIPMENT

### Description

Several aspects of equipment qualifications will be pursued by the NRC Staff and the nuclear industry on a generic basis, in order to achieve a more uniform implementation of requirements established in IEEE Standard 323-1974. Generic Task A-24 involves the development of the NRC's Interim Staff provisions with regard to how the requirements of IEEE Standard 323-1974 can be met.

### Resolution

As presented in Sections 3.11, 7.1 and 8.3 of the S/HNP PSAR and in Sections 3.11 and 7.1 of the 251 NSSS GESSAR which is incorporated as part of the S/HNP PSAR, S/HNP Class IE equipment qualification is based on IEEE 323-1974. The commitments outline program described in the aforementioned sections are found to be acceptable by the NRC in Section 3.11 of the Skagit SER, NUREG-0309, September, 1977.

The NRC has issued a proposed rule, "Environmental Qualification of Electrical Equipment for Nuclear Power Plants" in the Federal Register on January 20, 1982 at pp. 2,876-2,879. The comment period for the proposed rule expires March 22, 1982 indicating that the final rule can be anticipated to be published in a timely manner with incorporation in the S/HNP equipment qualification efforts. The environmental qualifications of electrical equipment for the S/HNP will comply with the requirements of the final rule, and the details of the qualification program will be described in the appropriate sections of the S/HNP FSAR.

A description of S/HNP conformance to the final rule will be presented in the appropriate sections of the S/HNP Final Safety Analysis Report.