



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
631 PARK AVENUE  
KING OF PRUSSIA, PENNSYLVANIA 19406

JEPA  
JEPA

June 11, 1979

Docket No. 50-423

Northeast Nuclear Energy Company  
ATTN: Mr. W. G. Council  
Vice President - Nuclear  
Engineering and Operations  
P. O. Box 270  
Hartford, Connecticut 06101

Gentlemen:

This Information Notice is being issued to call to your attention an aspect of the Commission's regulations which IE inspectors have found is not always being fully implemented. No written response is required. If you have questions regarding this matter, please contact this office.

Sincerely,

*Robert V. Carlson*  
for Boyce H. Grier  
Director

Enclosures:

1. IE Information Notice  
No. 79-14
2. List of Information Notices Issued  
in 1979

cc w/encls:

- K. W. Gray, Construction Quality Assurance Lead
- H. R. Nims, Director of Nuclear Projects
- J. F. Opeka, Station Superintendent
- J. R. Himmelwright, Licensing Safeguards Engineer

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
WASHINGTON, D.C. 20555

IE Information Notice No. 79-14  
Date: June 11, 1979  
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SAFETY CLASSIFICATION OF ELECTRICAL CABLE SUPPORT SYSTEMS

Summary:

The NRC inspection staff has found that in several cases, facilities under construction have not applied the pertinent quality assurance requirements of 10 CFR 50, Appendix B to the design, procurement, and installation of cable trays and their support systems for Class IE electrical cables. This notice is being issued to all applicants for, and holders of construction permits, to remind them of the Commission's regulations on this subject.

Description of Circumstances:

1. In the Commission's Regulations for Licensing of Production and Utilization Facilities - 10 CFR Part 50, Criterion 2 of Appendix A, states in part that "Structures, systems and components important to safety shall be designed to withstand the effects of...earthquakes...without loss of capability to perform their safety functions...."
2. The Commission's Regulations on Reactor Site Criteria, Part 100, Appendix A define a "safe shutdown earthquake," (SSE) and generally identify the structures, systems and components which are required to remain functional during such an earthquake.
3. Regulatory Guide 1.29 "Seismic Design Classification" states in pertinent part:  

"C.1. The following structures, systems and components of a nuclear power plant, including their foundations and supports (emphasis added) are designated as Seismic Category 1 and should be designed to withstand the effects of the SSE and remain functional. The pertinent quality assurance requirements of Appendix B to 10 CFR should be applied to all activities affecting the safety related functions of these structures, systems and components."

"C1.q. The Class IE electric systems, including the auxiliary systems for the onsite electric power supplies, that provide the emergency electric power..."

No written response to this information notice or questions regarding the matter, please contact the NRC Regional Office.

DUPLICATE DOCUMENT

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