

March 15, 1989

Docket No. 50-457

Mr. Henry E. Bliss
Nuclear Licensing Manager
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Bliss:

SUBJECT: LICENSE CONDITION OF FACILITY OPERATING LICENSE NPF-77 - BRAIDWOOD
STATION UNIT 2 - QUALIFICATION OF BUNKER RAMO ELECTRICAL PENETRATIONS

The NRC staff has reviewed the Qualification Test Program report on Bunker Ramo instrument penetration assemblies completed for Commonwealth Edison Company by WYLE Laboratories. The purpose of the qualification program was to verify the ability of the Bunker Ramo electrical penetrations to perform their intended safety-related electrical functions before, during, and after environmental qualification tests. The main objective for testing the penetrations was to demonstrate that the Bunker Ramo Instrument Electrical Penetration Assemblies would maintain their electrical integrity throughout plant accident conditions.

After an initial review of the test report, the NRC staff agrees with the licensee's conclusion that based on the test results provided in the test report, the Bunker Ramo Instrument Electrical Penetration Assemblies are environmentally qualified to perform their intended functions. Therefore, the license condition of Facility Operating License NPF-77 that dealt with the temporary exemption from the requirements of 10 CFR 50.49(f) and 50.49(j) has been satisfied since testing of the equipment with supporting analysis was provided and did show the equipment to be qualified. A detailed staff review of the report is continuing and any future concerns will be identified subsequently.

Sincerely,

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Daniel R. Muller, Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V, and Special Projects

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

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Sincerely,

A handwritten signature in black ink that reads "Daniel R. Muller".

Daniel R. Muller, Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V, and Special Projects

cc: See next page

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