

AUG 22 1984

Docket No.: STN 50-454

Mr. Dennis L. Farrar  
Director of Licensing  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690


Dear Mr. Farrar:

Subject: Request for Additional Information - Environmental Qualification  
of Byron Equipment

Enclosed is a request for additional information that we need to complete and review the Environmental Qualification of Equipment (Outstanding Item 7 in the Byron Safety Evaluation Report). Provide your response within 10 days of the date of this letter.

If any further clarification is needed, call L. N. Olshan, the Licensing Project Manager, at (301) 492-7070.

Sincerely,

  
B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Enclosure:  
As stated

cc: See next page

CONCURRENCES:

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L01shan:es

8/22/84

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BJYoungblood

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DIST:

Docket File

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ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION - ENVIRONMENTAL  
QUALIFICATION OF BYRON EQUIPMENT

1. Verify that you have performed an analysis that demonstrates that multiple failures of non safety equipment caused by a high energy line break are bounded by the FSAR Chapter 15 analysis (required by IE Information Notice 79-22).
2. Verify that all installed Category I and II instruments for post-accident monitoring (Regulatory Guide 1.97 instrumentation) are included in your qualification program.
3. With regard to your December 6, 1983 submittal, Section 3.11.3.4, confirm that all equipment replacement and testing commitments have been fulfilled, or justify interim operation.
4. The staff evaluation of RESAR for equipment qualification contained an open item regarding the one hour time margin. This must be resolved for your NSSS equipment. Confirm that you have used the same criteria as was used for the balance-of-plant equipment, or provide justification for your position.
5. Your December 6, 1983, Section 3.11.4.1.2, provided a status of various equipment. Update your status of that equipment.
6. Provide a copy of the revised and updated Equipment Environmental Qualification Report.
7. Submit the surveillance requirements for the Conax penetration.
8. Your Justifications for Interim Operation (JIO's) were based on a July 1, 1984 fuel load. With the present fuel load schedule of September 15, 1984, provide a status of the JIO's.
9. During the past couple of years NRC has issued many Information Notices citing problems regarding equipment environmental qualification, eg., IE-IN 82-52, 83-72, 83-45, 84-23, 84-31, 84-44, 84-47, etc. Confirm that you have reviewed all IE Information Notices concerning environmental qualification issues for their applicability to Byron equipment. For all the Notices pertaining to equipment used at Byron, describe the disposition of the Notice with regard to the qualification status of the equipment. Provide JIO's for any deficiencies identified in these Notices that can not be resolved prior to fuel load.

BYRON

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