

July 30, 1984

Docket No. 50-254

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

Dear Mr. Farrar:

SUBJECT: ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT
IMPORTANT TO SAFETY - EXTENSION OF DEADLINE

Re: Quad Cities Nuclear Station, Unit 1

Section 50.49(g) of 10 CFR Part 50 requires that each holder of an operating license issued prior to February 22, 1983, shall by May 20, 1983, identify the electrical equipment important to safety within the scope of this section already qualified and submit a schedule for either the qualification to the provisions of this section or for the replacement of the remaining electrical equipment important to safety within the scope of this section. This schedule must establish a goal of final environmental qualification of the electrical equipment within the scope of this section by the end of the second refueling outage after March 31, 1982, or by March 31, 1985, whichever is earlier. The rule also provides that the Director of the Office of Nuclear Reactor Regulation may grant requests for extensions of this deadline to a date no later than November 30, 1985, for specific pieces of equipment if these requests are filed on a timely basis and demonstrate good cause for such an extension, such as procurement lead time, task complications and installation problems. In addition, 10 CFR 50.49(h) provides that each licensee shall notify the Commission of any significant equipment problem that may require extension of the completion date provided in paragraph (g) of this section within sixty days of its discovery.

In compliance with 10 CFR 50.49(g), by letter dated May 29, 1983, the Commonwealth Edison Company (CECo) identified electrical equipment important to safety already qualified and submitted a schedule for either the qualification or for the replacement of the remaining electrical equipment important to safety within the scope of this section. The schedule established a goal of final environmental qualification by the end of the second refueling outage after March 31, 1982.

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On May 29, 1984 CECo filed a timely request for an extension of the schedular requirements of 10 CFR 50.49(g) for replacement of equipment that cannot be completed by the end of the current refueling outage. The current outage, which started on March 6, 1984 and is scheduled to end on July 30, 1984, is the second outage after March 31, 1982. CECo requested that the deadline for replacement of four Limitorque actuator motors, and qualification of main steam isolation valve (MSIV) solenoid operators be extended to the end of the next refueling outage, scheduled to start October 1, 1985, but in any event, no later than November 30, 1985.

Enclosures A1 and B1 of the May 29, 1984 letter give a detailed accounting of the design complications, delays in delivery of parts, and test program problems involving the MSIV solenoids and the Limitorque actuators. Enclosures A2 and B2 update justifications for continued operation for unqualified equipment remaining in the plant.

We have reviewed the May 29 submittal and conclude that the request for extension is timely, within the scope of 10 CFR 50.49(g), and demonstrates good cause for the requested extension. The items described above, the MSIV solenoids and the Limitorque actuators, will be qualified no later than startup from the next outage, scheduled for October 1, 1985, but in no event later than November 30, 1985.

Sincerely,

Original Signed by
H. R. Denton

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

cc: See next page

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Handwritten notes and signatures:
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Mr. Dennis L. Farrar
Commonwealth Edison Company
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