



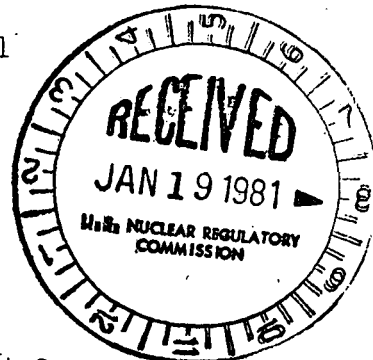
Commonwealth Edison

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690

January 15, 1981



Mr. Darrell G. Eisenhut, Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Units 2 and 3
Quad Cities Station Units 1 and 2
Supplementary Response to Request
for Information Concerning Scram Systems
NRC Docket Nos. 50-237/249 and 50-254/265

- References (a): D. G. Eisenhut letter to All BWR Licensees dated October 1, 1980.
- (b): R. F. Janecek letter to D. G. Eisenhut dated October 27, 1980.
- (c): D. G. Eisenhut letter to All BWR Licensees dated December 9, 1980.

Dear Mr. Eisenhut:

Reference (b) provided the Commonwealth Edison Company initial response to the Reference (a) request for information. In this response we indicated our intent to provide by December 15, 1980, the results of our scram system reevaluation along with a schedule for implementing any modifications required to meet the Owners Sub-Group criteria. The December 15, 1980, date was subsequently changed to January 15, 1980 in telephone discussions with Mr. P. O'Connor of your staff.

We have completed our evaluation of the Dresden Units 2 and 3 and Quad Cities Units 1 and 2 scram discharge systems and have determined that modifications will be necessary. The modified scram discharge volume will incorporate dual instrument volumes with diverse and redundant instrumentation. Each scram discharge volume header will include a separate instrument volume hydraulically coupled to the header piping. Vent and drain lines will be dedicated and independent with double isolation valves to ensure primary containment isolation.

All modifications to this system will meet the additional design and performance criteria developed by the BWR Owners Sub-Group which in our judgement satisfy the long term design

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criteria outlined in the NRC Generic Safety Evaluation Report regarding BWR scram discharge systems dated December 1, 1980 (transmitted by Reference (c)). Pending equipment availability, we intend to implement these modifications in the first refueling outage commencing after January 1, 1982 for each unit.

Please address any questions you may have concerning this matter to this office.

One (1) signed original and fifty-nine (59) copies of this transmittal are provided for your use.

Very truly yours,

for *Thomas J. Rausel*
Robert F. Janecek
Nuclear Licensing Administrator
Boiling Water Reactors

cc: RIII Inspector - Dresden
RIII Inspector - Quad Cities

SUBSCRIBED and SWORN to
before me this 15TH day
of January, 1981

[Signature]

Notary Public