



Commonwealth Edison

One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

May 12, 1981



Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Quad Cities Station Unit 2
Proposed Amendment to Appendix A,
Technical Specifications, to Facility
Operating License DPR-30
NRC Docket No. 50-265

References (a): R. F. Janecek letter to Director of
Nuclear Reactor Regulation dated
September 2, 1980

(b): T. A. Ippolito letter to J. S. Abel dated
November 5, 1980

Dear Mr. Denton:

Pursuant to 10 CFR 50.59, Commonwealth Edison Co. proposes to amend Appendix A, Technical Specifications, to Facility Operating License DPR-30 for Quad Cities Unit 2. The proposed changes would correct a discrepancy between RPS delay and response times specified in the Technical Specification and those used in the licensing analyses and would provide for the use of APRM gain adjustments in lieu of APRM trip setpoint changes for periods of higher than normal power peaking.

The upper limit of the reactor protection system (RPS) delay time has been reduced from 100 to 50 msec (time from opening of the sensor contact up to and including the opening of the trip actuator contacts). This change stems from an inconsistency which has existed between the Technical Specification value of 100 msec and the 50 msec value assumed by General Electric in the licensing analyses. General Electric has confirmed that the Edison procedures for determining RPS delay time are consistent with their use/definition of a 50 msec RPS delay time in the licensing analyses.

The licensing analyses are also based on a value of 290 msec for the time the neutron sensor reaches the setpoint to the start of control rod motion. The value of 390 msec currently quoted in the Quad Cities Unit 1 Technical Specifications is inconsistent with this value, and is therefore revised.

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

8105180250

P

Also, these proposed Technical Specifications provide for increasing the APRM gains in lieu of an actual reduction in APRM trip set points whenever the MFLPD exceeds the FRP. This method establishes an initial APRM signal closer to the flow-biased setpoints, and thus has the same effect as reducing the actual scram and rod block setpoints. For consistency with the LHGR surveillance requirement and the Standardized Technical Specifications, the proposed changes also require that the FRP/MFLPD multiplier be applicable only above 25% rated thermal power.

These proposed changes are identified in Enclosure 1 and have received On-Site and Off-Site review and approval.

Pursuant to 10 CFR 170, Commonwealth Edison has reviewed the proposed changes relative to their fee class. Since the RPS delay time change merely corrects the Technical Specifications to agree with the current analyses, we have concluded that it is a Class II Amendment. The APRM gain change has been determined to be a Class III Amendment. As such, a fee remittance in the amount of \$5,200.00 has been provided. However, in as much as identical changes were submitted and approved previously for Quad Cities Unit 1 (References (a) and (b)), both changes may more appropriately be considered as Class I. Please review the proposed changes with regard to their applicability as Class I amendments and any fee reduction which may apply.

Please address any questions concerning this matter to this office.

Three (3) signed originals and thirty-seven (37) copies of this transmittal are provided for your use.

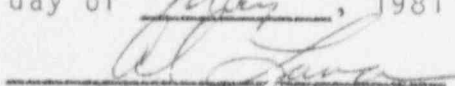
Very truly yours,



Robert F. Janecek
Nuclear Licensing Administrator
Boiling Water Reactors

cc: RIII Inspector - Quad Cities

SUBSCRIBED and SWORN to
before me this 12TH
day of May, 1981


Notary Public

1983N