



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

N50-254
PR

December 5, 1978

Docket Nos. 50-254
and 50-265

Mr. Cordell Reed
Assistant Vice President
Commonwealth Edison Company
P. O. Box 767
Chicago, Illinois 60690

Dear Mr. Reed:

Your submittals of November 6, 1976 and February 21, 1978 relating to instrument setpoints for the Quad Cities Units Nos. 1 and 2 are being reviewed by our staff. In order to complete our review, you are requested to provide within 60 days of receipt of this letter, the additional information identified in the enclosure.

Sincerely,

Thomas A. Ippolito
Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Enclosure:
Request for Additional
Information

cc w/enclosure:
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cc
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President
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Electric Company
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Moline Public Library
504 - 17th Street
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REQUEST FOR ADDITIONAL INFORMATION
QUAD CITIES UNITS NO. 1 AND 2
INSTRUMENT SETPOINT CHANGES

1. With regard to the proposed increase in the ECCS-ADS interlock setpoint pressure from 75-100 psig to 100-150 psig, provide the basis for assuming that the LPCI pump reaches 150 psig before the time assumed in the most recent LOCA-ECCS analysis involving ADS initiation. If it cannot be demonstrated that the time for reaching 150 psig is earlier than the time assumed for ADS initiation then the increase in PCT due to the additional delay must be evaluated.
2. With regard to the proposed reduction in the main steamline low pressure isolation setpoint from ≥ 850 psig to ≥ 825 psig, provide the results (i.e., Δ MCPRs) for each full type of the pressure regulator failure transient analysis in order to demonstrate that this currently non-limiting event remains non-limiting even with the proposed change.
3. In connection with the proposed increase in the main steamline high flow isolation set from 120% to 140% of rated steam flow, since the largest small break which will not result in MSIV closure (due to high steam flow signal) will increase, it may now be possible that a steam line break smaller than a complete severance of a main steam line will result in a larger total blowdown and hence radiological consequences. Accordingly, provide the basis for the continued use of the FSAR assumption that the most severe break among the spectrum of credible steam line breaks occurring outside the drywall is the complete severance of a main steam line.