



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

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April 1, 1980

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Docket Nos. 50-265  
50-295  
and 50-304

Mr. D. Louis Peoples  
Director of Nuclear Licensing  
Commonwealth Edison Company  
P. O. Box 767  
Chicago, Illinois 60690

Dear Mr. Peoples:

By letter dated August 14, 1978, we informed you that atypical weld wire material may have been used in certain reactor pressure vessels fabricated by Babcock and Wilcox Company. Among those were the Quad Cities Unit 2 and Zion Unit 1 and Unit 2 reactor vessels. We requested that you evaluate your own cases and administratively apply such pressure-temperature heatup and cooldown limits as may be appropriate. By letter dated August 18, 1978, you confirmed that such limits had been found appropriate and would be applied.

By letter dated March 1, 1979, we advised you that further investigation had confirmed the improbability that such material had been used in your reactor vessels, but that continued application of the interim limits is appropriate until the matter is finally resolved.

This is to inform you that our review and evaluation of the matter has been completed. We conclude that the probability that atypical weld wire was used in the reactor vessels for Quad Cities Unit 2 or Zion Units 1 and 2 is very low. We find that the present Technical Specifications on reactor vessel pressure-temperature limits for these units provide a sufficient margin of safety, and that the administrative operating limits may be removed.

Our Safety Evaluation is enclosed.

Sincerely,

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

Enclosure:  
Safety Evaluation

cc w/enclosures:  
See next page

Mr. D. Louis Peoples  
Commonwealth Edison Company

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cc:

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