

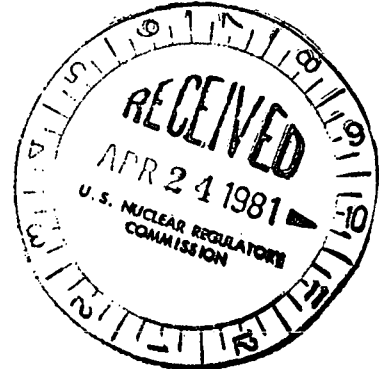


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*Central
Files*

April 14, 1981

Mr. James G. Keppler, Director
 Directorate of Inspection and
 Enforcement - Region III
 U.S. Nuclear Regulatory Commission
 799 Roosevelt Road
 Glen Ellyn, IL 60137



Subject: Dresden Station Units 2 and 3
 Quad Cities Station Units 1 and 2
 Response to NRC Questions concerning
 IE Bulletin 79-14
NRC Docket Nos. 50-237/249/254/265

Dear Mr. Keppler:

This letter is in response to questions telecopied by Mr. H. Wong of NRC I & E Headquarters on March 19, 1981. The questions and responses were discussed in a telephone conversation between Mr. Wong, Mr. D. Danielson (RIII), and Mr. R. Janecek (CECo.) on April 14, 1981.

The questions and Commonwealth Edison Company's responses are provided in the enclosure to this letter. We believe no additional response is required.

Please address any questions concerning this matter to this office.

Very truly yours,

Robert F. Janecek

Robert F. Janecek
 Nuclear Licensing Administrator
 Boiling Water Reactors

Enclosure

cc: Director, Division of Reactor
 Operations Inspection
 RIII Inspector, Dresden
 RIII Inspector, Quad Cities

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Enclosure

NRC QUESTIONS ON IE 79-14
ACCEPTANCE CRITERIA

QUESTION 1

On page 1 and 2 of Attachment 1 to the CECO letter, a 10% increase (to $2.2\sigma_y$) for stainless steel piping is proposed. MEB does not agree that the 10% increase is justified, except perhaps on a case specific basis. Which systems rely on the 10% increase? Why is the increase necessary (cause of over-stress)? What is the time period until modifications restore the FSAR safety margins?

RESPONSE

No evaluations to date have relied upon the additional 10% increase in stress allowables. In the future, if Commonwealth Edison desires to apply allowables greater than $2\sigma_y$, NRC review will be requested on a case specific basis.

QUESTION 2

In Appendix I for pipe supports (Structural Steel Members), an FSAR limit of $1/3 S_u$ is stated. Where is this value referenced in the FSAR? Is Amendment 12 to the Quad Cities Unit 1 FSAR applicable?

RESPONSE

The FSAR limit of $1/3 S_u$ was given as a means of comparison to the $1/2 S_u$ limit being used for operability evaluations. The value used for design verification to FSAR limits is that that specified in Div. 120 and 121 of ANSI B31.1.0 as referenced in the FSAR, Amendment 13, page 12.3-15. This limit is close to, but not exactly, $1/3 S_u$.

Amendment 13 is the latest FSAR Amendment.

NRC Questions on IE 79-14
Acceptance Criteria

Page Two

QUESTION 3

In the same item as 2 above, an Operability Limit of $1/2 S_u$ for the OBE load combination is proposed. Is $1/2 S_u$ less than S_y for pipe supports? If not, discuss the justification for the Operability Limit of $1/2 S_u$ (for the OBE).

RESPONSE

For structural steel materials such as those used in pipe support design at Quad Cities and Dresden, $1/2 S_u$ is always less than S_y .