

June 22, 1988

Docket Nos. STN 50-454, STN 50-455,  
STN 50-456 and STN 50-457

Mr. Henry Bliss  
Nuclear Licensing Manager  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690

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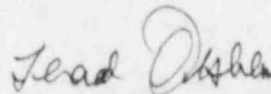
Dear Mr. Bliss:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - CONTAINMENT TENDON  
DESIGN STRESSES-BYRON/BRAIDWOOD (TAC NOS. 67448, 67449,  
67450 AND 67451)

By letter dated March 2, 1988, you requested an amendment to the Technical Specifications for Byron/Braidwood that would reduce the containment tendon design stresses. Enclosed is a request for additional information. Please respond within 60 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,



Leonard Olshan, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III  
IV, V and Special Projects

Enclosure:  
As stated

cc: See next page

OFC	: PDIII-2	: PDIII-2	: PDIII-2	: PDIII-2
NAME	: LOlshan/ww	: <i>SPS</i> SSands	: LLuther <i>LL</i>	: LNorholm <i>LN</i>
DATE	: 6/21/88	: 6/21/88	: 6/21/88	: 6/21/88



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

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Sincerely,

A handwritten signature in cursive script that reads "Leonard Olshan".

Leonard Olshan, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III  
IV, V and Special Projects

Enclosure:  
As stated

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June 22, 1988

Enclosure

Request for Additional Information

1. Provide background information, including basic assumptions, calculation and test results, for the determination of the original minimum design value of lift off stresses in tendons and show how the design tendon stresses (i.e., 143 ksi for dome, 144 ksi for vertical and 140 ksi for hoop) were determined in the technical specification.
2. Provide analysis, calculation and test results to show how the proposed design tendon stresses (133 ksi for dome, 127 ksi for vertical and 133 ksi for hoop) are obtained.
3. Describe how the reduction of design stresses will affect the margin of safety, and provide justification for such reduction by assuring that the structural integrity of the containment will not be impaired in any way.

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Enclosure

Request for Additional Information

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3. Describe how the reduction of design stresses will affect the margin of safety, and provide justification for such reduction by assuring that the structural integrity of the containment will not be impaired in any way.

Mr. Henry Bliss  
Commonwealth Edison Company

Byron/Braidwood

cc:

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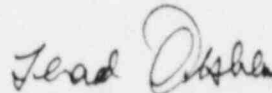
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