

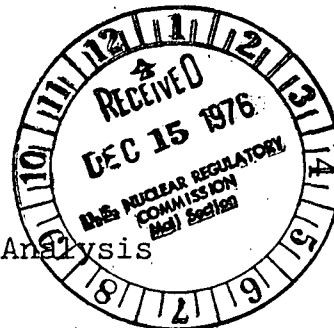


**Commonwealth Edison**  
 One First National Plaza, Chicago, Illinois  
 Address Reply to: Post Office Box 767  
 Chicago, Illinois 60690

**REGULATORY DOCKET FILE COPY**

December 9, 1976

Director of Nuclear Reactor Regulation  
 Attn: Mr. Dennis L. Ziemann, Chief  
 Operating Reactors - Branch 2  
 Division of Operating Reactors  
 U.S. Nuclear Regulatory Commission  
 Washington, D.C. 20555



Subject: Dresden Station Units 2 and 3  
 Mark I Containment Torus Support Analysis  
 NRC Docket Nos. 50-237 and 50-249

Dear Mr. Ziemann:

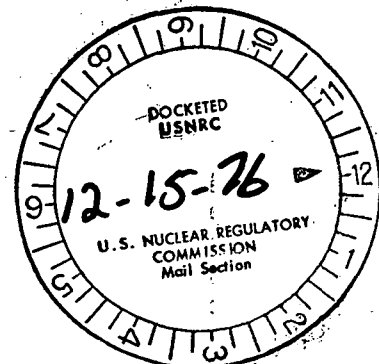
In response to the telephone request of Mr. R. Silver (NRC) on November 25, 1976, a copy of Nutech Report COM-01-066, "Evaluation of As-Built Weld Sizes for Dresden Units 2 and 3 Torus Support Column/Torus Shell and Base Plate Connections", is being submitted for your use. This report addresses the following concerns identified by Mr. Silver:

1. A number of fillet welds on the web plate for column-torus shell intersection were 3/8". Figure 2.2-4 of the Nutech report indicates a 1/2" fillet weld over a 3/8" bevel weld.
2. Some fillet welds on outer column base plates were 5/8". Figure 2.2-1 of the Nutech report indicates 3/4" fillet welds.

The attached report clearly indicates that although the design parameters used in the plant unique analysis have in the two instances defined above not be confirmed, the strength ratios (SR) for the components involved are well within the Short Term Program Criteria, that is, the strength ratios do not exceed 0.50. The revised values for the ultimate capacities and strength ratios based on field as-built survey data have been calculated for the inside and outside column-to-shell connections and the base plate weld for the outside column. The revised strength ratios are as follows:

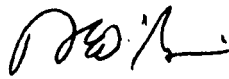
Outside Column/Shell Connection:	SR = 0.28
Inside Column/Shell Connection:	SR = 0.32
Outside Column Base Plate Weld:	SR = 0.05

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One (1) signed original and 39 copies of this letter and 40 copies of Nutech Report COM-01-066, dated December, 1976 are provided for your use.

Very truly yours,

  
for

G.A. Abrell  
Nuclear Licensing Administrator  
Boiling Water Reactors

GAA/sag