

DMB

November 14, 1984

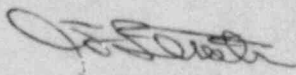
Docket No. 50-454  
Docket No. 50-455  
Docket No. 50-456  
Docket No. 50-457

Commonwealth Edison Company  
ATTN: Mr. Cordell Reed  
Vice President  
Post Office Box 767  
Chicago, IL 60690

Gentlemen:

On October 12, 1984, you provided responses to items of concern relating to your Byron and Braidwood Stations which we forwarded to you in our October 4, 1984, letter. The subject items of concern were expressed by an expert witness for the Intervenor in the remanded Byron hearing. We have reviewed your responses and find that we need the additional information identified in the enclosure to this letter. The items in the enclosure are identified by the same alphanumeric designations that we used in our initial request, except for the last item which is a new matter. We request that you provide the additional information to this office by close of business (4:45 p.m.) November 26, 1984. Your cooperation in this matter is appreciated.

Sincerely,



John F. Streeter, Director  
Byron Project Division

Enclosure: As stated

cc w/encl:  
See attached distribution list

8411200134 841114  
PDR ADOCK 05000454  
P PDR

RIII  
*WM*  
Muffett/lis  
11/14/84

RIII  
*JS*  
Streeter  
11/14/84

IEOI  
11

cc w/encl:

D. L. Farrar, Director  
of Nuclear Licensing  
M. Wallace, Project Manager  
D. Shamblin, Construction  
Superintendent  
J. F. Gudac, Station  
Superintendent  
C. W. Schroeder, Licensing and  
Compliance Superintendent  
V. I. Schlosser, Project Manager  
Gunner Sorensen, Site Project  
Superintendent  
R. E. Querio, Station  
Superintendent  
DMB/Document Control Desk (RIDS)  
Resident Inspector, RIII Byron  
Resident Inspector, RIII  
Braidwood  
Phyllis Dunton, Attorney  
General's Office, Environmental  
Control Division  
D. W. Cassel, Jr., Esq.  
Diane Chavez, DAARE/SAFE  
W. Paton, ELD  
L. Olshan, NRR LPM  
Phyllis Dunton, Attorney  
General's Office, Environmental  
Control Division  
I. W. Smith, Chairman  
Administrative Judge  
Dr. R. F. Cole  
Administrative Judge, ASLB  
J. Gallo, Esq.  
ASLAB Panel  
S. P. Zimmerman  
Dr. B. von Zellen  
Mrs. P. B. Johnson  
Ms. P. Morrison

REQUEST FOR ADDITIONAL INFORMATION RELATING  
TO CONCERNS EXPRESSED BY AN EXPERT WITNESS  
FOR THE INTERVENORS IN THE REMANDED BYRON HEARING

- A.2 Have audits of other components and contractors been conducted which would have revealed incomplete inspection records? Please elaborate.
- A.3 What was the sample population of the survey and what were the specific results of the individual interviews? When was the review of the reinspection program results conducted?
- B.1.c Are there instances where an above grade wall is constructed over a thinner below grade wall?
- B.1.e Why was ACI 322-72 listed in the Design Criteria? What assurances are there that ACI 322-72 was never used?
- B.1.f. What assurances are there that plastic design was not used in safety-related structures?
- B.1.k. Were the deflection checks waived for Category II structures that are not integrally constructed with Category I structures? What potential effect does this have on Category I structures?
- B.1.n. Has the final load check been completed?
- B.1.w. Please provide a list of documents reviewed during the interface survey.
- B.1.z. Please provide both the S&L and Unistrut tables referenced in the response.
- B.1.hh. Please provide PI-BB-40. When was PI-BB-40 initiated, when was verification completed, and when were potential interactions resolved?
- B.1.ii. thru B.1.vv
- Please provide detailed engineering justification for the magnitude of the  $\phi$  factor.
- B.1.bbb When were these calculations prepared, reviewed, and approved? Please provide a representative example.
- B.1.ddd The concern was general in nature and not restricted to small bore piping. Please address all other areas where the 10% overstress factor was used and the use of material "certs" in the disposition of overstress conditions.
- B.3 The first and second paragraphs of the response appear to be contradictory. Was  $P_v$  ignored?



- C.1 Please reconcile the 109 number which was the subject of the concern with the 108 number in the response.
- C.2 Items "a" and "b" of the concern were not addressed in the response. Please address these items.
- D.3 The response does not directly address the concern. Please provide a direct response.
- E.2 Please address the concern that no tolerances were given to field inspectors on joint dimensions.
- G.1 Please address the effect of operational pressure transients, not water hammer effects, on fatigue life of piping and piping supports.

New item: Please provide a comprehensive listing of all equipment manufactured by General Electric Company used in safety-related applications having annotated PQC's (Product Quality Certificates) indicating that additional actions are necessary to support the full qualification of the equipment. This applies to GE equipment supplied directly by GE and indirectly by any other vendor.