



Commonwealth Edison
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Address Reply to: Post Office Box 767
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May 4, 1984

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Byron Generating Station Units 1 and 2
Braidwood Generating Station Units 1 and 2
Core Damage Assessment Procedure
NRC Docket Nos. 50-454, 50-455, 50-456 and 50-457

Dear Mr. Denton:

This letter provides additional information regarding the procedure to be used at Byron and Braidwood stations for assessments of core damage. This procedure is being implemented to satisfy in part the NRC's requirements regarding post accident sampling which were outlined in NUREG-0737, item II.B.3. It is provided in response to item 6 of FSAR question 281.7. NRC review of this procedure should make it unnecessary to impose License Condition 11 contemplated in the Byron SER.

Enclosed is the current core damage assessment procedure for Byron Station. It consists of five sections:

Core Damage Assessment Procedure	BZP 380-19	Revision 2
Core Damage Assessment Working Tables	BZP 380-A8	Revision 1
Example of Core Damage Assessment	BZP 380-A9	Revision 1
Core Damage Assessment Worksheets	BZP 380-T4	Revision 2
Core Damage Assessment Power History Sheets	BZP 380-T5	Revision 1

The procedure utilizes the approach defined in by the Westinghouse Owner's Group in the document "Post Accident Core Damage Assessment Methodology", Revision 1, March, 1984. It incorporates NRC comments made on a similar version based on revision 0 of that document, which was reviewed with the NRC Staff on April 6, 1984 in Bethesda.

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The procedure enclosed is not a controlled copy. It will not be updated as improvements are made. Updated copies will, of course, be available for inspection at Byron Station. A similar procedure for Braidwood will be in place prior to fuel load at Braidwood 1.

Please address further questions regarding this matter to this office.

One signed original and fifteen copies of this letter and the enclosures are provided.

Very truly yours,

A handwritten signature in dark ink, appearing to read "T. R. Tramm". The signature is fluid and cursive, with a long horizontal stroke at the end.

T. R. Tramm
Nuclear Licensing Administrator

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attachment

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