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 HINTZ, D. C. Wisconsin Public Service Corp.  
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SUBJECT: Forwards addl info re LOCA/ECCS per 880121 telcon request.

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**WISCONSIN PUBLIC SERVICE CORPORATION**

600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

February 2, 1988

10 CFR 50.54(f)  
10 CFR 50.46

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

Docket 50-305  
Operating License DPR-43  
Kewaunee Nuclear Power Plant  
Request for Additional Information on LOCA/ECCS

- References:
- 1) Advanced Nuclear Fuels Report, XN-NF-85-98 Rev. 1, titled "Kewaunee Limiting Break K(Z) LOCA/ECCS Analysis," dated March 1987
  - 2) Letter from D. C. Hintz (WPSC) to NRC, dated March 31, 1987
  - 3) Letter from D. M. Crutchfield (NRC) to G. M. Ward (ANF), dated July 8, 1986, transmitting NRC Safety Evaluation Report
  - 4) Letter from L. A. Nielson (ANF) to D. J. Ropson (WPSC) dated January 29, 1988

Through telephone conversation on January 21, 1988 between NRC and Mr. Dan Ropson of my staff, NRC requested additional information with regard to an ECCS/LOCA report<sup>(1)</sup> prepared for WPS by Advanced Nuclear Fuels (ANF). WPSC submitted this report for NRC review on March 31, 1987<sup>(2)</sup>.

Specifically, NRC requested substantiation that the ECCS evaluation model EXEM/PWR was applied in a manner that met the stipulations of an NRC Safety Evaluation Report<sup>(3)</sup>.

Attached is a letter from ANF<sup>(4)</sup> substantiating same.

Sincerely,

D. C. Hintz  
Vice President - Nuclear Power

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Attach.

cc - Mr. Robert Nelson, US NRC  
US NRC, Region III

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**ADVANCED NUCLEAR FUELS CORPORATION**

2101 HORN RAPIDS ROAD, PO BOX 130, RICHLAND, WA 99352-0130  
(509) 375-8100 TELEX: 15-2878

January 29, 1988  
LAN:003:88

Mr. Dan Ropson  
Wisconsin Public Service Corp.  
700 North Adams Street  
Post Office Box 19002  
Green Bay, WI 54307-19002

Dear Dan:

Subject: Kewaunee Limiting Break K(Z) LOCA/ECCS Analysis

- Ref.: (1) Telephone call, D. Ropson (WPS) to L.A. Nielsen (ANF), same subject, January 28, 1988
- (2) XN-NF-85-98, Rev. 1, "Kewaunee Limiting Break K(Z) LOCA/ECCS Analysis," dated March 1987
- (3) NRC SER of ANF's Large Break ECCS Evaluation Model EXEM/PWR dated July 8, 1986

Per your request (Reference 1), Advanced Nuclear Fuels Corporation is confirming that the Kewaunee Limiting Break K(Z) LOCA/ECCS Analysis reported in Reference 2 was performed in a manner that complied with the NRC Safety Evaluation Report (Reference 3) of ANF's Large Break ECCS Evaluation Model, EXEM/PWR. If you need additional information, please give me a call.

Sincerely,



L. A. Nielsen  
Reload Licensing

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