

**ADVANCED NUCLEAR FUELS CORPORATION**

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RAC:033:89  
May 11, 1989

Director of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D. C. 20555

Gentlemen:

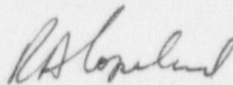
Subject: TRANSMITTAL OF (A) VERSION OF THE ANF SMALL BREAK LOCA TOPICAL REPORT

- References:
1. XN-NF-82-49(P)(A), "Exxon Nuclear Company Evaluation Model EXEM PWR Small Break Model", Advanced Nuclear Fuels Corp., April 1989.
  2. XN-NF-82-49(NP)(A), "Exxon Nuclear Company Evaluation Model EXEM PWR Small Break Model", Advanced Nuclear Fuels Corp., May 1989.
  3. Letter, J. C. Chandler (ENC) to C. O. Thomas (USNRC), "XN-NF-82-49(P), 'Exxon Nuclear Company Evaluation Model: EXEM/PWR Small Break Model', April 1982 Submission of Supplement 1 to XN-NF-82-49(P)", March 1, 1985 (JCC:039:85).

Enclosed are twenty-five copies each of the Reference 1 and 2 topical reports. These reports are the proprietary and nonproprietary (A) versions of the ANF Small Break LOCA topical report. These reports are being submitted in accordance with the procedures established in NUREG-0390. As stated in the original submittal letter (Reference 3), the information in the proprietary versions should be withheld from public disclosure. The affidavit required by 10 CFR 2.790(b) to support this withholding is supplied in Reference 3.

If there are any questions, or if further information is needed, please contact me at (509) 375-8290.

Sincerely yours,



R. A. Copeland  
Manager, Reload Licensing

/scg

cc: Mr. M. W. Hodges (NRC)

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PDR TQPRP EMVEXXN  
B PDC

*Two Rids*  
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*1008-XN-NF-82-49NP*  
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