

May 24, 1982

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
 )  
UNITED STATES DEPARTMENT OF ENERGY )  
 )  
PROJECT MANAGEMENT CORPORATION ) Docket No. 50-537  
 )  
TENNESSEE VALLEY AUTHORITY )  
 )  
(Clinch River Breeder Reactor Plant) )

APPLICANTS' SECOND SUPPLEMENTAL UPDATED  
RESPONSE #1 TO NATURAL RESOURCES DEFENSE  
COUNCIL, INC. AND SIERRA CLUB INTERROGATORIES  
(SECOND, THIRD, FOURTH, FIFTH AND SIXTH SETS)

Pursuant to 10 C.F.R. paragraph 2.740b, and in accordance with the Board's Prehearing Conference Order of February 11, 1982, the United States Department of Energy, Project Management Corporation, and the Tennessee Valley Authority (the Applicants) hereby file their Second Supplemental Updated Response #1 to the Natural Defense Council, Inc. and the Sierra Club Second, Third, Fourth, Fifth, and Sixth Sets of Interrogatories to the Applicants, dated December 23, 1975, December 31, 1975, January 14, 1976, February 12, 1976 and April 7, 1976, respectively. \*/

\*/ Applicants previously supplemented their Updated Response #1 on April 30, 1982.

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1. Page AA-7, revise the second paragraph to read:

The experimental basis for the SAS3A code is applicable to SAS3D and additional experimental basis is documented in the following:

- (1) Ref. 35 in CRBRP-GEFR-00523.
- (2) "Final Report on the SLSF In-pile Experiment P3A," T. E. Kraft and L. R. Kelman, ANL/RAS 81-20, June, 1981.
- (3) W. A. Ragland, "LMFBR Loss-of-Flow Simulations in the Sodium Loop Safety Facility," ASME Paper 80-C2/NE-22, presented at the Century 2 Nuclear Engineering Conference, San Francisco, Aug. 19-21, 1980.
- (4) Documents cited on page AA-63 in Applicants' response to Interrogatory Set III, Question II-5(c)(iii) as numbers 5, 6, and 8 through 16.

The revision is addition of item 4 to the response.

2. Page AA-63, in document list responding to Question II-5(c)(iii), add item 16 and 17 as follows:

- (16) B. W. Spencer, et al., "Final Report on TREAT Tests R4 and R5; Seven-Pin Loss-of-Flow Tests with Full-length Unirradiated FFTF-Type Fuel Pins," ANL-79-106 (1979).

- (17) R. O. McNary, et al., "Interim Data Report for ANL/RAS Loss-of-Flow TREAT Test L8," ANL/RAS 79-6, April, 1979.

3. Add the attached items 275 through 282 to the "listing of Argonne National Laboratory Memoranda," submitted in response to Interrogatories I(A)(4), I(B)(3), and I(C)(4) of NRDC's Sixth Set of Interrogatories.

<u>Number</u>	<u>Memo Title</u>	<u>File Number</u>
275	Foreign Trip Report, H. U. Wider, "Attend 14th Mtg. on Whole-core Accident Comparative Calculations being conducted by the Whole-core Accident Code (WAC) group at EEC, Brussels, Belgium, May 15, 1979," Report date July 17, 1979	A43
276	Foreign Trip Report, H. U. Wider, "15th Mtg. on Whole Core Accident Comparative Calculations Conducted by the Whole-core Accident Code (WAC) group, Brussels, Belgium, Sept. 19, 1979," Report date January 18, 1981	A43
277	Foreign Trip Report, J. Kramer, H. U. Wider, and W. L. Wang, "In Belgium - WAC - at Harwell - Pin Modeling Fission-gas Behavior and Whole Core Analysis, Harwell, England, Brussels, Belgium, January 15-18, 1980," Report date February 29, 1980	A43
278	Foreign Trip Report, H. U. Wider, J. Kramer, "EEC-WAC Group Ispra, Italy, June 18 - July 2, 1980," Report date September 15, 1980	A43
279	Foreign Trip Report, D. P. Weber, and K. J. Miles, "EEC Whole Core Comparative Calculation Mtg., Brussels, Belgium, Dec. 3-4, 1980," Report date February 4, 1981	A43
280	Foreign Trip Report, H. U. Wider, A. M. Tentner, "EEC Whole Core Comparative Calculation Mtg. and Winfrith Laboratory, Brussels, Belgium, April 4-14, 1981," Report date May 28, 1981	A43
281	Foreign Trip Report, H. U. Wider and A. M. Tentner, "EEC Whole Core Comparative Calculation Mtg., Brussels, Belgium, July 1-2, 1981," Report date September 17, 1981	A43
282	Foreign Trip Report, H. U. Wider, "EEC Whole Core Mtg., Brussels, Belgium, Dec. 2-3, 1981," Report date January 25, 1982	A43

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Docket No. 50-537

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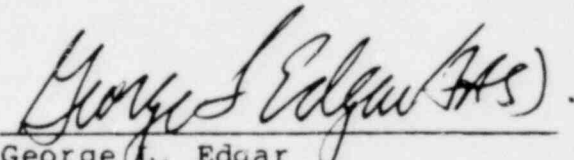
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May 24, 1982