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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

In the Matter of)	
)	
THE CLEVELAND ELECTRIC)	
ILLUMINATING COMPANY, <u>et al.</u>)	Docket Nos. 50-440
)	50-441
(Perry Nuclear Power Plant,)	
Units 1 and 2))	

APPLICANTS' ANSWER TO
SUNFLOWER'S REQUEST
FOR PRODUCTION OF DOCUMENTS

Applicants for their answers to Request For Production Of Documents of Sunflower Alliance, Inc., et al. ("Sunflower"), dated February 24, 1982, state as follows:

All documents to be supplied to Sunflower for inspection will be produced at Perry Nuclear Power Plant ("PNPP"). Arrangements to examine the documents can be made by contacting Mr. Ronald Wiley of The Cleveland Electric Illuminating Company at (216) 259-3737. Applicants will provide copies of any of the produced documents, or portions thereof, which Sunflower requests, at Applicants' cost of duplication. Arrangements for obtaining copies can be made with Mr. Wiley.

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In compliance with the Licensing Board's Special Prehearing Conference Memorandum and Order, LBP-81-24, 14 N.R.C. 175, 230-31 (July 28, 1981), Applicants' counsel conferred by telephone with Mr. Daniel Wilt, Sunflower's counsel, on March 29, 1982. Also participating in the telephone conference were Ms. Sue Hiatt, in her capacity as advisor to Mr. Wilt, and Mr. Wiley. The participants in the conference discussed as to each document request Applicants' objections and requests for clarification. As to several of the document requests, Mr. Wilt told Applicants' counsel that he would provide clarification later. Clarification was provided by telephone conference of May 27, 1982. As indicated below, Mr. Wilt has informed Applicants' counsel as to several of the document requests that Sunflower no longer seeks production.

1. Perry Nuclear Power Plant Operations Manual

Response:

The PNPP Operations Manual still is being drafted. None of the portions of the Operations Manual relevant to the admitted contentions has received final review and approval. As relevant portions of the Operations Manual are completed and approved, Applicants will supply those portions for inspection.

2. Perry Nuclear Power Plant Quality Assurance Manual

Response:

The PNPP Quality Assurance Manual will be supplied for inspection at PNPP.

3. GE, ATWS, Mitigation Report, NEDD[sic]-24222

Response:

The document (NEDO-24222) will be supplied for inspection at PNPP.

4. Radiation Protection Manual, PNPP (referenced at p. 1-8 of Vol. 13A (Appendix) of FSA)

Response:

Applicants object to the document request as irrelevant and beyond the scope of any of the admitted contentions. See 10 C.F.R. § 2.740(b)(1) (discovery shall relate only to those matters in controversy identified in prehearing order).

Sunflower, through Ms. Hiatt, informed Applicants that it wishes to inspect the PNPP Radiation Protection Manual for the purpose of assessing on-site worker protection. As Applicants informed Sunflower, on-site worker protection from radiation exposure is not within the scope of Issue #1 (emergency evacuation planning) or any of the other admitted contentions.

5. The General Electric document [sic] known as the Reed Report (GE Nuclear Reactor Study)

Response:

As agreed between Applicants' counsel and Mr. Wilt, the relevant portion of the document will be sent to Mr. Wilt under the terms of the Protective Agreement between Sunflower and General Electric Company as soon as Sunflower returns an executed copy of the Protective Agreement to General Electric Company. The Protective Agreement is being sent to Mr. Wilt under separate cover.

6. Produce all documents Applicant has relative to the 30° sector steam test.

Response:

The documents will be supplied for inspection at PNPP. NEDO-24712 ("Core Spray Design Methodology Confirmation Tests," August, 1979), and the two NRC letters approving NEDO-24712 already have been supplied to Sunflower with "Applicants Answers to Sunflower Alliance, Inc. First Round Discovery Requests," filed February 5, 1982.

7. Produce the ECCS evaluation model fro[sic] General Electric BWR/6 designs with 8x8 fuel array and Mark III containment.

Response:

Applicants object to the document request as irrelevant and beyond the scope of any of the admitted contentions. See 10 C.F.R. § 2.740(b)(1).

8. Produce Applicant's QA Manual in effect immediately prior to the February 1978 stop work order and produce all changes in Applicant's QA Manual adopted since the February 1978 stop work order.

Response:

The requested documents will be supplied for inspection at PNPP.

9. Produce a copy of GE documents listed hereinafter:

- | | | |
|----|-------------------|--|
| A) | NEDD[sic]-10846 | "BWR Core Spray Distribution" |
| B) | NEDD[sic]-10801 | "Modeling the BWR/6 LOCA" |
| C) | NEDD[sic]-20231 | ECC Tests of an Internally Pressurized ZIRCALLORY [sic] Clad, 8x8 Simulated Fuel Bundle" |
| D) | NEDD[sic]-20533 | "GE Mark III Pressure Suppression Containment System Analytical Model" |
| E) | APED-5286 | "Design Bases for Critical Heat Flux Conditions in BWR's" |
| F) | NEDD[sic]-10958-A | "GE BWR Thermal Analysis Bases (GE TAB): Data Correlation and Design Application" |
| G) | NEDD[sic]-20566 | "GE LOCA Analysis in Accordance with 10 CFR, Part 50, Appendix K" |

Response:

Applicants object to document requests 9(B), (C), (D), (E) and (F) as irrelevant and beyond the scope of any of the admitted contentions. See 10 C.F.R. § 2.740(b)(1). NEDO-10846 and NEDO-20566 will be supplied for inspection at PNPP.

It appears to Applicants that Sunflower has simply requested all General Electric documents cited in sections 1.5.1.3 ("Core Spray and Core Flooding Heat Transfer Effectiveness"), 1.5.1.4 ("Verification of Pressure Suppression Design"), and 1.5.1.5 ("Critical Heat Flux Testing") of Applicants' FSAR. While these documents may be of interest to Sunflower, the mere fact that they are cited in those FSAR sections does not make them relevant to the 30° sector steam tests conducted by General Electric or to any of the other admitted contentions.

As indicated in the FSAR, NEDO-10801 and NEDO-20231 deal with core flood heat transfer effectiveness, and not with tests of the core spray distribution. NEDO-20533 documents the analytical methods used to simulate the short-term transient response of the Mark III containment to a loss-of-coolant-accident, a matter irrelevant to the 30° sector steam tests. APED-5286 and NEDO-10958-A (superseding APED-5286) deal with critical heat flux testing, also irrelevant to the 30° sector steam tests. The documents are not within the scope of any of the other admitted contentions.

10. Produce any and all documents pertaining to ECCS evaluation models, testing, and operation history of BWR's.

Response:

Applicants will supply for inspection at PNPP all documents within the scope of Issue #4 (that is, all documents pertaining to the 30° sector steam tests conducted by General Electric). As such, Applicants construe the document request as a restatement of document request #6, supra. To the extent that Sunflower requests documents not related to the 30° sector steam tests, Applicants object to the discovery request as irrelevant and beyond the scope of any of the admitted contentions. See 10 C.F.R. § 2.740(b)(1).

11. Produce BEIR III report for the linear quadratic dose (effect relationship [LG-L designation]).

Response:

The requested document will be supplied for inspection at PNPP.

12. Produce RERF Report, TR-10-76, 1976.

Response:

Sunflower has withdrawn the document request.

13. Produce Guide for determining the effects of ionizing radiation on insulating materials, Part I: Introductory Document, Publication 544-1, First Edition, IEC, 1977.

Response:

Sunflower has withdrawn the document request.

14. Produce Control of Combustible Gas Concentration Containment Following LOCA, Safety Guide 7, 3/10/71.

Response:

The requested document will be supplied for inspection at PNPP.

15. Produce NUREG-0123.

Response:

Sunflower already has obtained the requested document from the NRC. See Letter from James H. Thessin to Daniel D. Wilt, dated May 20, 1982.

16. Produce documents used as a basis for NUREG-0696 and NUREG-0814.

Response:

Sunflower has withdrawn the document request.

17. Produce Regulatory Guides 1.97 Revision 2 and 1.23.

Response:

Sunflower has withdrawn the document request.

18. Produce ICRP Report 2 (cited in Section 5.5.2.6 [sic] of App.-13A of FSAR).

Response:

The requested document will be supplied for inspection at PNPP. For purposes of clarification, the document is cited in § 5.5.2.4 of Appendix 13A.

19. Produce Regulatory Guide 1.109 (cited in Fig. 6-2 of App. 13A of FSAR).

Response:

The requested document will be supplied for inspection at PNPP.

20. Produce NUREG-0772 "technical Basis for Estimating Fission Product Behavior During Light-Water Reactor Accidents" March 6, 1981.

Response:

Sunflower has withdrawn the document request.

21. Produce Commission Action Paper SECY-80-257/257A, May 20, 1980 "NRC Interim Policy on Stockpiling Potassium Iodide for use during a Reactor Accident" and any final or updated policy related to this.

Response:

Applicants do not have the requested document.

22. Produce NUREG-0649 "Task Action Plan for Unresolved Safety Issues Relative to Nuclear Power Plants" Feb. 1980.

Response:

Applicants do not have the requested document.

23. Produce NUREG/CR-1558 "BER Refill-Reflood Program Task 4.2--Core Spray Distribution Task Plan" Nov. 1980.

Response:

Applicants do not have the requested document.

24. Produce NUREG/CR-1745 "Analysis of Techniques for Estimating Evacuation Times for Emergency Planning Zones" Nov., 1980.

Response:

Sunflower has withdrawn the document request.

25. Produce NUREG-0626 "Generic Evaluation of Feedwater Transients and Small Break form of Coolant Accidents in GE Designed Operating Plants and Near Term Operating License Applications" Jan. 1980.

Response:

Sunflower has withdrawn the document request.

26. Produce EPA-520/1-75-001, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents, Sept. 1978.

Response:

The requested document will be supplied for inspection at PNPP.

27. Produce Respiratory Protective Devices Manual, American Industrial Hygiene Association, 1963, pages 123-126.

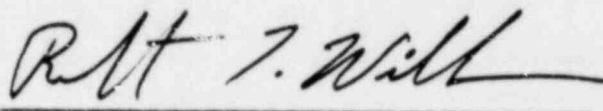
Response:

The requested document (pp. 123-26) will be supplied for inspection at PNPP.

Respectfully submitted,

SHAW, PITTMAN, POTTS & TROWBRIDGE

By:



Jay E. Silberg, P.C.
Robert L. Willmore

Counsel for Applicants
1800 M Street, N.W.
Washington, D.C. 20036
(202) 822-1000

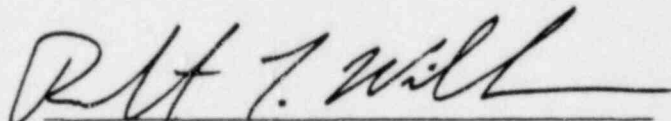
Dated: May 28, 1982

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CERTIFICATE OF SERVICE

This is to certify that copies of the foregoing "Applicants' Answer To Sunflower's Request For Production Of Documents", were served by deposit in the U.S. Mail, First Class, postage prepaid, this 28th day of May, 1982, to all those on the attached Service List.


Robert L. Willmore

Dated: May 28, 1982

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SERVICE LIST

Peter B. Bloch, Chairman
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Jerry R. Kline
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. Frederick J. Shon
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Christine N. Kohl, Chairman
Atomic Safety and Licensing
Appeal Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. John H. Buck
Atomic Safety and Licensing
Appeal Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gary J. Edles, Esquire
Atomic Safety and Licensing
Appeal Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Atomic Safety and Licensing
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Atomic Safety and Licensing
Appeal Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Docketing and Service Section
Office of the Secretary
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

James H. Thessin, Esquire
Office of the Executive
Legal Director
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Ms. Sue Hiatt
OCRE Interim Representative
8275 Munson Avenue
Mentor, Ohio 44060

Daniel D. Wilt, Esquire
Wegman, Hessler & Vanderburg
Suite 102
7301 Chippewa Road
Brecksville, Ohio 44141

Terry Lodge, Esquire
915 Spitzer Building
Toledo, Ohio 43604

Mr. Tod J. Kenney
228 South College, Apt. A
Bowling Green, Ohio 43402

The Cleveland Electric
Illuminating Company, et al.

Service List
Page Two

Donald T. Ezzone, Esquire
Assistant Prosecuting Attorney
Lake County Administration Center
105 Center Street
Painesville, Ohio 44077

John G. Cardinal, Esquire
Prosecuting Attorney
Ashtabula County Courthouse
Jefferson, Ohio 44047