

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

AFFIDAVIT OF  
DANIEL D. HULBERT  
ON CONTENTION DD

1. I am presently Emergency Planning Coordinator, Perry Plant Technical Department, The Cleveland Electric Illuminating Company. My business address is 10 Center Road, Perry, Ohio 44081. In my position, I am responsible for developing, maintaining, and evaluating the Perry Nuclear Power Plant (PNPP) Emergency Plan, including coordinating emergency preparedness among various PNPP departments and developing emergency planning documents and specification of response requirements. These responsibilities include identifying facility and support equipment requirements for radiological emergency response, including those for the Emergency

Operations Facility (EOF). A current statement of my professional and technical qualifications is attached hereto. I have personal knowledge of the matters stated herein and believe them to be true and correct. I make this affidavit in support of Applicants' Motion for Summary Disposition of Contention DD.

2. Contention DD states that the EOF for the Perry Nuclear Power Plant "is located contrary to the criteria and guidance provided by the NRC." Sunflower Alliance's objections are based on the claim that the location of the EOF is contrary to the recommendations of NUREG-0814 and NUREG-0696 and would require county "decision-making officials to come to the nuisance in the event of a severe accident." Sunflower Alliance's Particularized Objections to Proposed Emergency Plans in Support of Issue No. 1, dated August 20, 1984, p. 25.

3. The EOF for Perry is sited approximately 1970 feet southwest of the Unit 1 reactor building and about 1800 feet from the Unit 2 reactor building. This location is consistent with NRC regulatory guidance. Its location has been reviewed by the NRC Staff in Supp. 4 to NUREG-0887, Safety Evaluation Report for the Perry Nuclear Power Plant, § 13.3.2.8.

4. The only NRC guidance on the minimum distance that an EOF should be from the plant is contained in Generic Letter No. 82-33, Supplement 1 to NUREG-0737, Requirements for Emergency Response Capability, dated December 17, 1982. That document

states that the EOF should be "located outside [the] security boundary." Generic Letter No. 82-33, p. 26, Table 1. The Perry EOF complies with this criterion in that it is located approximately 1500 feet beyond the security boundary for Unit 1 and 1200 feet from where the security boundary for Unit 2 will be after construction of Unit 2 is completed.

5. Contrary to Sunflower's unsupported claim, NUREG-0696 and NUREG-0814 do not recommend that the EOF be located off-site. NUREG-0696, "Functional Criteria for Emergency Response Facilities" (February 1981), provides criteria for EOF's located "within 10 miles of the TSC [Technical Support Center]" and for EOFs located "at or beyond 10 miles of the TSC." Id. at 18. For "EOF locations beyond 20 miles of the TSC," specific Commission approval is required. Id. No similar Commission approval is required for other locations, including locations on-site or close to the plant. Similarly, NUREG-0814, "Methodology for Evaluation of Emergency Response Facilities" (August 1981), does not recommend an off-site EOF, although it does identify different ventilation requirements for EOF's within 10 miles of the TSC that differ from those for EOF's beyond 10 miles of the TSC.

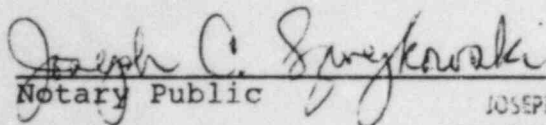
6. Sunflower is also incorrect in claiming that the EOF location would force decision-making officials to jeopardize themselves by coming to PNPP in an accident. At no time do the decision-making officials come to the EOF. The plans provide that each county's decision-makers will convene in that

county's own emergency operation center ("EOC"), each of which is located in the respective county, and beyond the plume exposure pathway EP2. Ashtabula Plan, §§ A.3, B.3; Geauga Plan, §§ A-5, B-3; Lake Plan, §§ 5.1, H-01 and Attachments 5.1 and H-3. The three county EOCs and the EOF are linked by dedicated communications systems. Ashtabula Plan, § F.2.1 and App. 20; Geauga Plan, § F-2; Lake Plan, §§ F-05, H-02. Thus there is no basis to support the argument that the EOF location will harm decision-making by county officials.

7. In summary, the EOF for Perry is located consistent with NRC criteria and guidance. Sunflower's claims that the EOF location is inconsistent with NRC criteria and guidance, and that the EOF location would harm decision-making by county officials, are incorrect.

  
DANIEL D. HULBERT

Subscribed and sworn  
to before me this 29<sup>th</sup> day  
of JANUARY, 1985.

  
Notary Public

JOSEPH C. SZWEJKOWSKI

Notary Public, State of Ohio - Cuyahoga County

My Commission Expires: My Commission Expires July 14, 1986



Name: Daniel D. Hulbert, Emergency Planning Coordinator, Perry Plant  
Technical Department

Formal Education and Training:

Electrician's Mate School, U. S. Navy, 1973-1974  
Nuclear Power Training, U. S. Navy, 1974-1975  
Engineering Laboratory Technician School, U. S. Navy, 1975  
One-Week Basic BWR Systems (PDP), 1980  
Fifteen-Week Davis-Besse Nuclear Power Station (Emergency Planning), 1980  
Eight-Week Davis-Besse Nuclear Power Station (Evacuation Time Estimates),  
1981  
One-Week Electrical Fundamentals II, 1981  
One-Week Planning for Nuclear Emergencies Course, Harvard School of Public  
Health, 1982

Experience:

1979 - Present: The Cleveland Electric Illuminating Company

Joined CEI as an Engineering Technician and assigned to development of the PNPP Emergency Plan. Assisted in the preparation of the Davis-Besse Nuclear Power Station Emergency Plan, implementing procedures, and the Davis-Besse education time estimates. Participated in several Emergency Plan exercises at other Nuclear Power Plants as an official Exercise Observer. In 1982 promoted to present position of Emergency Planning Coordinator. Reports directly to the Technical Superintendent, Perry Plant Technical Department.

1973 - 1979: U. S. Navy

Electrician's Mate - Qualified as Engineering Laboratory Technician, Electrical Operator and Shutdown Reactor Operator on a S5W Class Submarine. Duties included operation and maintenance of electrical systems, chemistry controls for both primary and secondary plant, and routine and emergency health physics coverage. Assignments included one tour on an S5W Submarine and one tour assigned to the Radiological Controls Division of a Submarine Tender.

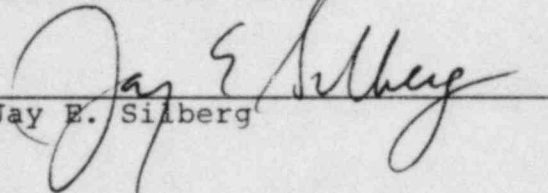
UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

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

CERTIFICATE OF SERVICE

I hereby certify that copies of "Applicants' Motion For Summary Disposition of Contention DD," "Applicants' Statement of Material Facts As To Which There Is No Genuine Issue To Be Heard on Contention DD," and "Affidavit of Daniel D. Hulbert on Contention DD" were served this 30th day of January, 1985, by deposit in the U.S. mail, first class, postage prepaid, upon the parties listed on the attached Service List.

  
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Jay E. Silberg

DATED: January 30, 1985

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ILLUMINATING COMPANY, <u>ET AL.</u>	)	50-441
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(Perry Nuclear Power Plant,	)	
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