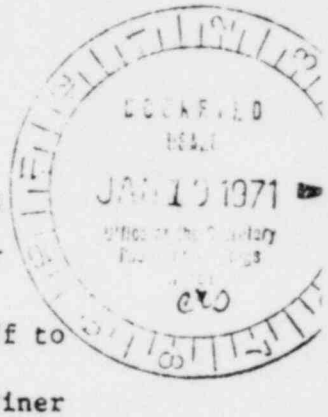
PROD. & UTIL. FAC. 50-346

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	
THE TOLEDO EDISON COMPANY AND	)	Docket No. 50-346
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY	)	
	)	
(Davis-Besse Nuclear Power Station)	)	



ANSWERS OF AEC REGULATORY STAFF TO INTERROGATORIES OF INTERVENOR L.I.F.E. ET AL.

Contained herein are the answers of the AEC regulatory staff to Interrogatories No. 3, 4, and 5 of intervenor Living In A Finer Environment (L.I.F.E.), Irwin I. Oster, and William E. Reany (hereafter referred to collectively as L.I.F.E.) filed on January 12, 1971. As noted in the AEC regulatory staff's answer to this intervenor's request for answers to these interrogatories, we have objected to answering Interrogatories 1 and 2.

Interrogatory 3. - In whom does the responsibility for quality control reside during construction phases of the Davis-Besse facility?

In section 11.0 of our Safety Evaluation report dated November 2, 1970, we discussed the applicants' quality assurance program covering the design, construction, and operation of the Davis-Besse Nuclear Power Station. During our review of the Davis-Besse quality assurance program we used the "Nuclear Power Plant Quality Assurance Criteria," Appendix B

of 10 CFR Part 50 as a basis for evaluation of the adequacy of the proposed program. These 18 criteria address those matters which must be considered in a nuclear power station quality assurance program throughout design, construction and operation.

As we have indicated in section 11.0 of our Safety Evaluation, the Toledo Edison Company has the ultimate responsibility for the implementation of the quality assurance program. We have, however, indicated in section 11.0 of our Safety Evaluation that the day-to-day implementation of the quality assurance program during construction has been delegated to the Bechtel Corporation by the Toledo Edison Company. The Toledo Edison Company and Bechtel Quality Assurance Coordinator will perform auditing functions to assure the quality assurance program is being implemented.

Babcock and Wilcox (B&W) as supplier of the nuclear steam supply system (NSSS) has established a Quality Assurance Program to cover the areas of NSSS design, manufacturing procedures, specifications and erection. Toledo Edison assisted by Bechtel will audit the B&W quality assurance program to assure that the program is being implemented.

During construction of the Davis-Besse Nuclear Power Station, the Division of Compliance will make periodic audit type inspections of the plant construction to assure the station is being constructed in accordance with the criteria, codes, and specifications established in the PSAR and that

the quality assurance program is being implemented properly.

Interrogatory 4. - What are the qualifications of those to whom the quality control referred to in question #3 is assigned?

In Appendix 1 B of the Preliminary Safety Analysis (PSAR) in sections 1.3.1, 1.3.2 and 1.3.3 the applicants have described the duties and responsibilities of the Toledo Edison Quality Assurance Organization and in Appendix 1 B section 2.3, the duties and responsibilities of the Bechtel quality assurance personnel are discussed.

Both the Toledo Edison Company and Bechtel have the responsibility to assure that the qualifications of the individuals are adequate to perform the duties and responsibilities indicated in the above sections of the PSAR. The qualifications of the personnel assigned will parallel the particular activities that are to be audited. Thus, personnel with experience in various fields ranging from field construction to mechanical and electrical engineering would be involved in the quality assurance program. In our review, we took into account the experience of the Bechtel Company based on their performance on the design and construction of current reactor plants.

Throughout our review, we have met with the personnel who will be responsible for the quality assurance program and will be directly involved throughout construction of the plant. As indicated in section 10.1, Technical Qualification, we have concluded that the applicants and

their contractors collectively are technically qualified to design and construct the proposed Davis-Besse Nuclear Power Station.

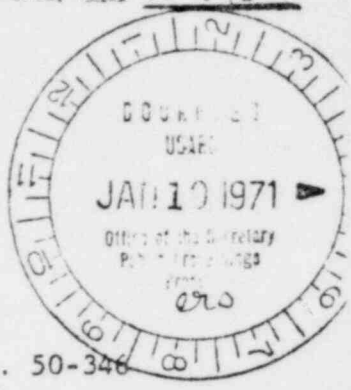
Interrogatory 5. - Are the specifications as far as materials and manner of fabrication for construction by Bechtel and Babcock and Wilcox fixed as stated in the PSAR or can changes be made as the construction proceeds?

The criteria, codes, specifications and manner of fabrication established in the PSAR must be complied with by all contractors performing design, construction and fabrication of components for the Davis-Besse station; however, as indicated in 10 CFR Part 50.90 and 50.91 changes can be made after a construction permit has been issued provided the applicants submit an amendment describing the change to the Division of Reactor Licensing for its appropriate reviews.

Appendix 1 B of the PSAR sections 2.16, 2.17, 3.17, and 3.18 includes information on the manner in which Bechtel and Babcock and Wilcox quality assurance programs will deal with non-conforming materials, parts or components and the corrective action including documentation. These actions are in accordance with 10 CFR Part 50, Appendix B criteria, and in particular XV Nonconforming Materials, Parts, or Components and XVI Corrective Action.

I, Robert L. Tedesco, prepared the above three answers.

Robert L. Tedesco



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CERTIFICATE OF SERVICE

I hereby certify that copies of "Answers of AEC Regulatory Staff to Interrogatories of Intervenor L.I.F.E. et al.," dated January 18, 1971, in the above-captioned matter have been served on the following by deposit in the United States mail, first class or airmail, this 18th day of January, 1971:

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