

Re 6-12

March 8, 1984

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, <u>ET AL.</u>	)	50-441
	)	
(Perry Nuclear Power Plant,	)	
Units 1 and 2)	)	

APPLICANTS' ANSWERS TO OHIO CITIZENS FOR  
RESPONSIBLE ENERGY ELEVENTH SET OF INTERROGATORIES  
TO APPLICANTS RELATING TO ISSUE NO. 16

Applicants for their answers to Ohio Citizens for Responsible Energy ("OCRE") Eleventh Set of Interrogatories to Applicants, dated February 17, 1984 (postmarked February 18, 1984), state as follows:

All documents supplied to OCRE for inspection will be produced at Perry Nuclear Power Plant ("PNPP"). Arrangements to examine the documents at PNPP can be made by contacting Mr. Bradley S. Ferrell of The Cleveland Electric Illuminating Company ("CEI") at (216) 259-3737, extension 5520. Applicants will provide copies of any of the produced documents or portions thereof which OCRE requests at Applicants' cost of

NUCLEAR REGULATORY COMMISSION

50.440  
 Docket No. 50.441 Official Exh. No. OCRE #4  
 in the matter of PP&P

Staff \_\_\_\_\_ IDENTIFIED \_\_\_\_\_  
 Applicant \_\_\_\_\_ RECEIVED \_\_\_\_\_  
 Intervener \_\_\_\_\_ REJECTED \_\_\_\_\_  
 Cont'g Staff \_\_\_\_\_  
 Contractor \_\_\_\_\_ DATE 4.9.85  
 Other ☒ \_\_\_\_\_ Witness \_\_\_\_\_  
 Reporter G WALSH



recommend that such tests and inspections be performed on the "lead" engines, or it may recommend that they be performed on PNPP standby diesel generators themselves, depending on the particular component under consideration. The results of "lead" engine tests and inspections will be evaluated by the technical staff in order to determine whether additional tests and inspections should be recommended for the PNPP standby diesel generators.

11-10. (a) Do Applicants have any plans to ever replace the TDI DGs with those from another manufacturer in PNPP Unit 1?

(b) In Unit 2?

(c) If not, why not?

(d) Is this an option in the Design Review/Quality Revalidation Program?

Response:

(a) Applicants have no plans to replace the Delaval standby diesel generators in PNPP Unit 1 with diesel generators from another manufacturer.

(b) Applicants have no plans to replace the Delaval standby diesel generators in PNPP Unit 2 with diesel generators from another manufacturer.

(c) Applicants do not believe that the PNPP standby diesel generators are unreliable.

(d) No, replacement of Delaval diesel generators is not an alternative being explored by the DR/QR Program.

11-11. (a) Do Applicants share the opinion voiced at the Jan. 26, 1984 meeting (see Tr. 46-47) that the Owners Group Design Review/Quality Revalidation Program will be successful? If so, what is the basis for this optimism?

(b) What is meant by "success" of the program? What criteria and standards are used to define "success" of the program?

(c) If the program is not successful, what actions will be taken?

(d) How many failures or quality deficiencies are necessary before Applicants or the Owners Group will conclude that TDI diesel engines are unreliable and unfit for nuclear service? I.e., is there any number or type of failure considered unacceptable?

Response:

(a) The statement to which the Interrogatory refers was made by an unidentified attendee of the meeting, and Applicants do not know what that person meant by a "successful" program. Applicants do believe that the DR/QR Program will be successful with respect to the PNPP standby diesel generators, as "success" is defined in (b), below. The basis for Applicants' belief is stated in (c), below.

(b) By success of the program, Applicants mean a complete review of the PNPP standby diesel generators within the guidelines of the Owners Group charter.

(c) Applicants are confident that the DR/QR Program for the PNPP standby diesel generators will be successful because sufficient resources have been made available through the Owners Group to assure completion of the program.

(d) There is no specified number or type of failure or quality deficiency which Applicants consider unacceptable for

the PNPP standby diesel generators. Applicants' evaluation of the reliability of the PNPP standby diesel generators will be based on all of the available data. It is not a purpose of the Owners Group to draw conclusions with respect to the reliability or fitness of any particular Delaval diesel generator or Delaval diesel generators in general.

11-12. What influence do cost/schedule factors (i.e. delay of fuel load or power operation) have on the Design Review/Quality Revalidation Program and on decisions or conclusions made during the program?

Response:

Neither cost nor scheduling factors will have any influence on the DR/QR Program, nor decisions made or conclusions reached during the program.

11-13. Is the Design Review/Quality Revalidation Program only a program to determine interim reliability, or is it intended to justify the use of TDI DGs for the entire life of the plant?

Response:

The purpose of the DR/QR Program is to evaluate diesel generator components from a design and quality standpoint, not to determine interim reliability or to justify the use of Delaval diesel generators for any particular period of time.

11-14. (a) Will the Design Review/Quality Revalidation Program attempt to find the root cause of TDI engine unreliability?

(b) If so, explain how this is to be accomplished.

(c) If not, why not?

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY  
CLEVELAND, OHIO

Edward C. Christiansen, being duly sworn according to law, deposes that he is Engineer, Nuclear Construction Department, of The Cleveland Electric Illuminating Company, and that the facts set forth in the answers to Ohio Citizens for Responsible Energy Interrogatories 11-1 through 11-15 in the foregoing "Applicants Answers to Ohio Citizens for Responsible Energy Eleventh Set of Interrogatories to Applicants Relating to Issue No. 16," dated March 8, 1984, are true and correct to the best of his knowledge, information, and belief.

Edward C. Christiansen

Sworn to and subscribed before  
me this 8th day of

March 1984.

James P. [Signature]