



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JAN 22 1979

Docket No: 50-440  
50-441

NOTE TO: Steven A. Varga, Chief, Light Water Reactors Branch No. 4, DPM  
FROM: M. D. Lynch, Project Manager, Light Water Reactors Branch No. 4, DPM  
SUBJECT: REQUEST BY CEICO FOR ESTIMATE OF OL REVIEW PERIOD

On January 17, 1979, I was asked by L. Beck of the Cleveland Electric Illuminating Company in a phone conversation what the staff's present estimate is for the length of an OL review for an application to be tendered during CY 1980. I discussed this matter briefly with D. Ross and S. A. Varga. Based on these conversations, I indicated to Beck on January 18th that the Perry OL application could anticipate a 27 month review. Recognizing that there was a small probability of a hearing at the OL stage, I recommended that CEICO should tender its Perry OL application about 30 months prior to the estimated fuel load date for Unit 1. I further indicated that a firmer estimate could be made later in the year.

Based on this information, Beck indicated that CEICO would probably submit the Perry OL application in January 1980. Accordingly, I recommend that a site visit by the Forecast Panel be scheduled for the fall of 1979 to determine if CEICO's estimated date of June 1982 for the loading of fuel into Unit 1, is reasonable.

A handwritten signature in cursive script, appearing to read "M. D. Lynch".

M. D. Lynch, Project Manager  
Light Water Reactors Branch No. 4  
Division of Project Management

cc: R. Boyd  
R. DeYoung  
R. Mattson  
D. Ross  
D. Vassallo  
S. Varga  
W. Lovelace  
M. Lynch  
M. Service

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

MAR 19 1979

Docket Nos: 50-440  
and 50-441

MEMORANDUM FOR: Steven A. Varga, Chief, Light Water Reactors  
Branch No. 4, DPM

FROM: M. D. Lynch, Project Manager, Light Water  
Reactors Branch No. 4, DPM

SUBJECT: MEETING WITH CLEVELAND ELECTRIC ILLUMINATING  
COMPANY REGARDING THE FUEL LOAD DATE FOR PERRY

Date & Time: Thursday, March 22, 1979  
10:30 a.m.

Location: Room P-500  
Phillips Building  
Bethesda, Maryland

Purpose: To conclude the staff's independent  
assessment of the fuel load date. This  
meeting is a continuation of the site  
visit on this subject in November 1978

Participants: NRC  
M. D. Lynch, W. Lovelace

CEICO

L. Beck et al

M. D. Lynch, Project Manager  
Light Water Reactors Branch No. 4  
Division of Project Management

cc: See next page

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The Cleveland Electric  
Illuminating Company

MAR 19 1979

ccs w/encl:  
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Shaw, Pittman, Potts & Trowbridge  
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Evelyn Stebbins, Chairman  
Coalition for Safe Electric Power  
705 Elmwood Road  
Rocky Road, Ohio 44116

Mr. David B. Disbennett  
Acting Secretary  
Ohio Power Siting Commission  
P. O. Box 1735  
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Cleveland, Ohio 44101

Mr. Dalwyn R. Davidson  
Vice President - Engineering  
Cleveland Electric Illuminating Company  
P. O. Box 5000  
Cleveland, Ohio 44101



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

APR 2 1979

Docket Nos. 50-440  
50-441

Applicant: Cleveland Electric Illuminating Company

Facility: Perry Units No. 1 and No. 2

SUMMARY OF MEETING HELD MARCH 22, 1979, TO DISCUSS THE ESTIMATED FUEL  
LOAD DATE FOR UNIT 1 OF THE PERRY FACILITY

A meeting was held on March 22, 1979, in Bethesda between members of the NRC staff and representatives of the Cleveland Electric Illuminating Company. A listing of those in attendance is presented in the enclosure. The topic discussed was the estimated fuel load date for Unit 1 of the Perry facility.

Background

This meeting was a continuation of a meeting held in November 1978 during a visit to the site of the Perry facility. The purpose of this site visit by the staff was to acquire sufficient information to permit the staff's Forecast Panel to make its own best estimate on the fuel load date for Unit 1 of the Perry facility. Since there appeared to be a discrepancy at the November 1978 site visit between the estimated bulk quantities (e.g., feet of large bore piping) for the Perry facility and the comparable quantities for similar facilities, the staff's Forecast Panel chose to defer making any definitive estimate of the fuel load date. The meeting on March 22nd, then, was held to discuss the comparison of bulk quantities between similar facilities after which the staff's Forecast Panel would estimate a fuel load date.

Summary of Meeting

At the Forecast Panel meeting held on March 22nd, the LPM, M. D. Lynch, opened the meeting with a brief statement indicating the background and purpose of the meeting as discussed above. Mr. Beck of CEI then stated that CEICO estimated the fuel load date for Unit 1 to be June 1982 and, on this basis, intended to tender its application for an operating license in January 1980.

The main portion of the meeting discussed the comparable estimated bulk quantities of Perry and Grand Gulf. (The latter is a BWR which also has a Mark III containment.) The discussion indicated that there

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was close agreement between comparable bulk quantities for the Perry and Grand Gulf facilities. The minor differences in bulk quantities between the two facilities could be explained by the differences in the design of the two plants. A summary of the Perry progress in constructing Unit 1 plus the common features of Unit 1 and 2 (Unit 1 and common) are listed below.

<u>Perry Unit 1 and Common Bulk Quantity</u>	<u>In Place</u>	
	<u>Total</u>	<u>@ 2/28/79</u>
concrete (cu. yds.)	237,000	184,118
large bore piping (ft.)	276,700	77,318
small bore piping (ft.)	175,300	3,961
cable trays (ft.)	87,200	13,516
cable (ft.)	6,264,000	0
conduit (ft.)	692,000	450

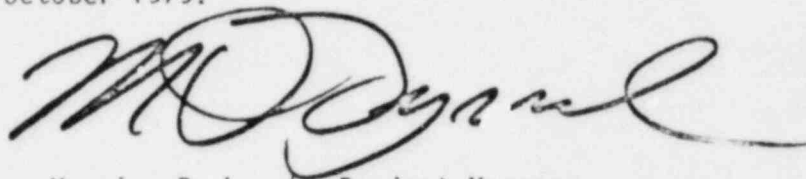
CEI stated that Unit 1 plus common was about 39.6 percent complete as of the end of February 1978 compared with 33.4 percent at the end of October 1978 indicating a construction rate of 1.55 percent during the last winter. The staff indicated that this was better than average progress during the winter.

Based on the 40 percent completion of Unit 1 plus common as of the end of February, the staff estimates the fuel load date for Unit 1 as December 1982. Assuming a 30 month OL review period, the staff expressed its belief that the FSAR should be tendered at the end of March 1980 and be docketed in June 1980. This judgment was tempered by the following two conflicting considerations. CEICO has not yet made a significant start in pulling the electrical conduit and cables and has made a limited amount of progress in placing cable trays and pipe hangars. Based on the experience at other nuclear power plants, the present rate of construction could slow down as this type of work continues. However, the present rate of construction should accelerate during the next few months as the weather improves and additional space opens up inside the buildings as the concrete placement is completed.

The staff, therefore, suggested that it review its estimate of the fuel load date in early October of this year after CEICO has had the opportunity to accelerate its present construction rate during the seven month period

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from the beginning of March to the end of September. CEICO agreed to meet with the staff in early October to again discuss the estimated fuel load date. Mr. Beck stated CEICO's intention to proceed with preparation of the OL application leading to a tendering in early January 1980. Mr. Lynch agreed that this course of action by CEICO was prudent but suggested that a final judgment by CEICO on the tendering date be deferred until after the next meeting with the Forecast Panel tentatively scheduled for October 1979.

A handwritten signature in cursive script, appearing to read "M. Lynch", written in dark ink.

Maurice D. Lynch, Project Manager  
Light Water Reactors Branch No. 4  
Division of Project Management

Enclosure:  
Attendance List

cc: Service List

APR 2 1979

The Cleveland Electric  
Illuminating Company

ccs w/encl:

Gerald Charnoff, Esq.  
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Cleveland, Ohio 44101

Mr. Dalwyn R. Davidson  
Vice President - Engineering  
Cleveland Electric Illuminating  
Company  
P. O. Box 5000  
Cleveland, Ohio 44101

ATTENDANCE

March 22, 1979

NRC

M. D. Lynch

W. Lovelace

C. Stahle

Cleveland Electric

L. Beck

J. Roberts

S. Krumsky





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

NOV 14 1979

Docket Nos: 50-440  
and 50-441

MEMORANDUM FOR: L. S. Rubenstein, Acting Chief, Light Water Reactors Branch No. 4  
Division of Project Management

FROM: C. R. Stahle, Project Manager, Light Water Reactors Branch No. 4  
Division of Project Management

SUBJECT: FORTHCOMING FORECAST PANEL VISIT TO PERRY SITE

DATE & TIME: Wednesday, November 14, 1979

LOCATION: Perry Site, Lake County, Ohio

PURPOSE: To discuss status of construction.

PARTICIPANTS: NRC CEICO  
C. Stahle G. Ankney, et al  
L. Rubenstein  
W. Lovelace  
J. Conklin, Region III

C. R. Stahle, Project Manager  
Light Water Reactors Branch No. 4  
Division of Project Management

cc:  
See next page

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PDR/LPOR

The Cleveland Electric  
Illuminating Company

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ILLUMINATING BLDG • PUBLIC SQUARE • CLEVELAND, OH 44113 • TELEPHONE (216) 527-1350 • MAIL ADDRESS P.O. BOX 5400

Dalwyn R. Davidson

July 30, 1980

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Re: Perry Nuclear Power Plant  
Docket Nos. 50-440, 50-441  
Construction Permits CPPR-148  
and CPPR-149

Dear Mr. Eisenhut:

In accordance with your request, the following information is provided concerning the schedule for the Perry plant. The estimated construction completion dates are November 1, 1982, for Unit 1 and November 1, 1986, for Unit 2. The target date for Unit 1 fuel load is May 1, 1983, and Unit 2 fuel load is expected May 1, 1987. With regard to the Operating License Application, the ER was tendered on June 26, 1980, and the PSAR will be submitted on or about September 1, 1980.

If you require further information, please let us know.

Very truly yours,

Dalwyn R. Davidson  
Vice President  
System Engineering and Construction

DRD:pb

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cc: Nuclear Regulatory Commission  
Document Management Branch  
Washington, DC 20555

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