

June 20, 1985

Docket No. 50-316

LICENSEE: INDIANA AND MICHIGAN ELECTRIC COMPANY

FACILITY: DONALD C. COOK NUCLEAR PLANT UNIT NO. 2

SUMMARY OF MEETING HELD ON MAY 30, 1985 WITH INDIANA AND MICHIGAN ELECTRIC COMPANY TO DISCUSS CYCLE 6 RELOAD ANALYSIS FOR UNIT 2

The staff met with the licensee and Exxon Nuclear Corporation, their fuel supplier, to discuss the reload submittals and schedule for the Cycle 6 submittals and schedule for the Cycle 6 analysis. The list of attendees is attached as Enclosure 1.

The licensee presentation included the attached viewgraphs and schedule for submission of the Cycle 6 reload analysis. The main steam line break analysis will not be available with the reload submittal but will be submitted in July 1986 and without the boron injection tank (BIT). The technical specifications are to be modified at that time to remove the BIT requirements. The Exxon presentation was made from viewgraphs proprietary to Exxon. In a subsequent letter dated June 10, 1985, Exxon submitted the viewgraphs to be withheld from public disclosure pursuant to 10 CFR 2.790(b). These viewgraphs will not be included here.

The Exxon presentation was on the LOCA/ECCS analysis and on disposition of events for the transient analysis. The status of each event and the limiting events were discussed to define those events to be addressed by the reload submittal.

/s/DLWigginton

David L. Wigginton, Project Manager
Operating Reactors Branch #1
Division of Licensing

ORB#1:DL *cp*
CParrish
06/20/85

DLW
ORB#1:DL
DWigginton/ts
06/20/85

8507030287 850620
PDR ADOCK 05000316
P PDR





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

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A handwritten signature in cursive script, appearing to read "D. L. Wigginton".

David L. Wigginton, Project Manager
Operating Reactors Branch #1
Division of Licensing

FUEL RELOAD MEETING
DONALD C. COOK UNIT NO. 2
MAY 30, 1985

<u>Name</u>	<u>Organization</u>
D. Wigginton	NRR-ORB#1
R. Jones	NRR-RSB
J. Guttman	NRR-RSB
M. Cleveland	AEP
G. Owsley	ENC
J. Holm	ENC
R. Heiks	ENC
B. Copeland	ENC
M. Kennedy	ENSA
F. Adams	ENC
V. Vanderburg	AEPSC
H. Fouad	AEPSC
G. John	AEPSC
N. Lauben	NRR-RSB

INTRODUCTION

Meeting: May 30, 1985

Participants: NRC Staff
American Electric Power Service Corp.
Exxon Nuclear Company, Inc.

Plant: Donald C. Cook Unit 2

Subjects: 1) Cycle 6 Transient Analysis
2) Cycle 6 LOCA Analysis
3) Schedule

COOK UNIT 2, CORE MAP 205-60

Axial Offset	-0.03	
CBD	220 steps	
$F_{\Delta H}$	1.32	Limit $F_{\Delta H} = 1.49$
Peak F_Q , unpenalized	1.525	Margin, Peak $F_Q = 11\%$
Location, Peak F_Q	3.2 ft.	
Limit F_Q , unpenalized	1.319	Margin, Limit $F_Q = 4.7\%$
Location, Limit F_Q	10.2 ft.	
Map Date	May 20, 1985	
Map Burnup	11,454 $\frac{\text{MWD}}{\text{MT}}$	Target Burnup 17,790 $\frac{\text{MWD}}{\text{MT}}$
Projected EOC	Oct. 29, 1985	Availability 90%

SCHEDULE

D.C. COOK UNIT 2 REFLOOD HEAT TRANSFER CORRELATIONS AND K(Z) VERIFICATION	APRIL 1985
FCTF CORRELATION SUBMITTAL	MAY 3, 1985
AEPSC/NRC STATUS MEETING	MAY 30, 1985
REVISED COMBINED CORRELATION TO NRC	AUGUST 1, 1985
CYCLE 6 SAR, LOCA ANALYSIS AND PARTIAL PLANT TRANSIENT ANALYSIS SUBMITTAL	AUGUST 1985
COMPLETE DOCUMENTATION PACKAGE TO NRC	SEPTEMBER 1985
DC COOK 1 K(Z) VERIFICATION	OCTOBER 1, 1985
CYCLE 6 STARTUP	JANUARY 1986
STEAM LINE BREAK ANALYSIS	JULY 1986

MEETING SUMMARY DISTRIBUTION
OPERATING REACTORS BRANCH NO. 1

Docket or Central file

NRC PDR

Local PDR

ORB#1 RDG

J. Partlow (Emergency Preparedness only)

Steve Varga

Project Manager

OELD

E. Jordan

P. McKee

ACRS (10)

NSIC

Gray file

Plant Service List

C. Parrish

J. Partlow

NRC Participants

R. Jones

J. Guttman

N. Lauben