

# INDIANA & MICHIGAN POWER COMPANY

P. O. BOX 18  
BOWLING GREEN STATION  
NEW YORK, N. Y. 10004

April 18, 1979  
AEP:NRC:00151

Donald C. Cook Nuclear Plant Unit No. 1  
Docket No. 50-315  
License No. DPR-58  
Supplementary Information on Refueling Outage Plans

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Denton:

This letter supplements the information provided in our letter dated December 20, 1978 (AEP:NRC:00108) regarding the refueling plans for Cycle 4 for the Donald C. Cook Nuclear Plant Unit 1. In Cycle 4 the Unit will operate with fuel assemblies supplied exclusively by the Exxon Nuclear Company.

Our review of the reload core design and safety analysis indicates that no unreviewed safety question is involved and no Technical Specification change is required for the operation of Cycle 4 of Unit 1.

The removal of part length control rods during the refueling outage, which was mentioned in our December 20 letter, was addressed further in our transmittal dated April 4, 1979 (AEP:NRC:00117).

The refueling outage began on April 6, 1979 and is expected to last approximately fifty days. As requested in Branch Technical Position DOR-1, "Guidance for Reload Submittals", we are submitting for your information the attached figure which shows the intended Cycle 4 loading pattern.

JED:em

Sworn and subscribed to before me  
this 18<sup>th</sup> day of April, 1979 in  
New York County, New York

Very truly yours,

*John E. Dolan*  
John E. Dolan  
Vice President

*Kathleen Barry*  
Notary Public

KATHLEEN BARRY  
NOTARY PUBLIC, State of New York  
No. 41-4666792  
Qualified in Queens County  
Certificate filed in New York County  
Commission Expires March 30, 1981

7904240396

APR 19 1979

Mr. Harold R. Denton, Director

-2-

AEP:NRC:00151

cc: R. C. Callen  
G. Charnoff  
P. W. Steketee  
R. J. Vollen  
R. Walsh  
D. V. Shaller-Bridgman  
R. W. Jurgensen

DONALD C. COOK NUCLEAR PLANT UNIT 1  
CYCLE 4 LOADING PATTERN

\*Location of secondary neutron source rod.