

# INDIANA & MICHIGAN POWER COMPANY

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

August 9, 1979  
AEP:NRC:00168

Donald C. Cook Nuclear Plant Units 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74

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

REGULATORY DOCKET FILE COPY

Dear Mr. Denton:

The purpose of this letter is to request Technical Specification changes concerning the Auxiliary Feedwater System (AFS) in Units 1 and 2 of the D.C. Cook Nuclear Plant. These changes are in accordance with the system modifications being described in Amendment No. 84 to the FSAR. Amendment No. 84 is being transmitted to you in a separate submittal (AEP:NRC:00176). These Technical Specification changes are described below.

## CHANGE NO. 1:

This change consists of the deletion of the footnote in Unit No. 2 Technical Specification No. 3/4.7.1.2 that the motor driven auxiliary feedwater pumps (MDAFP) are shared with Unit No. 1 and including surveillance requirements for the MDAFP's in Unit No. 2. We are modifying our AFS to accomplish separation of the shared operation of the MDAFP's by installing an additional MDAFP in each Unit of the Cook Plant. This facility modification is planned to be completed during the Unit 2 first refueling outage. This modification will enhance the availability of both Units 1 and 2 of the Cook Plant by eliminating the dependence on equipment operability in the opposite unit. Our modified AFS would only require one Unit to be shutdown when one of its' auxiliary feedwater pumps is inoperable for more than 72 hours.

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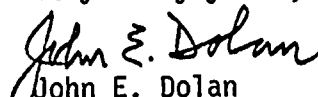
CHANGE NO. 2:

This change proposes Technical Specifications for both Units 1 and 2 to reflect the train N battery system being installed in each Unit. The turbine driven auxiliary feedwater pump (TDAFP) train is being converted from AC to DC power in accordance with Unit No. 2 license condition No. 3.K. We are planning to make this modification to both Units 1 and 2 during the Unit 2 first refueling outage. The AFS is safety-related and as such the train N battery performs a safety function. Our proposed Technical Specifications for this new safety related battery are in accordance with the requirements of Mr. Don K. Davis' letter of December 7, 1977. The Bases for the train N battery are also revised to show that the Limiting Conditions of Operation are in accordance with the requirements of the AFS and that the Surveillance Requirements are in accordance with the requirements of the existing safety related station batteries.

A copy of the revised Technical Specification pages for Changes No. 1 and 2 are attached, with the revisions indicated by vertical lines in the right hand margin. These modifications and request for Technical Specification changes have been reviewed by the PNSRC and the required membership of the AEPSC NSDRC in accordance with our Technical Specifications. The results of these reviews indicate that these Technical Specification changes do not constitute an unreviewed safety question as defined in 10 CFR 50.59 and will not adversely affect the health and safety of the public.

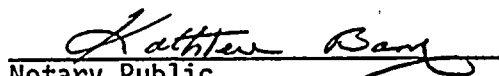
This request for Technical Specification changes is considered to be a Class III license amendment and in accordance with 10 CFR 170.22, a check for \$4,400.00 accompanies this submittal. We also request the removal of Unit 2 license condition 3.K upon completion of your review of this Technical Specification change request.

Very truly yours,

  
John E. Dolan  
Vice President

JED:em

Sworn and subscribed to before me  
this 9<sup>th</sup> day of August, 1979 in  
New York County, New York

  
Notary Public

cc: (Attached)

KATHLEEN BARRY  
NOTARY PUBLIC, State of New York  
No. 41-208792  
Qualified in Queens County  
Certificate filed in New York County  
Commission expires March 30, 1981

Mr. Harold R. Denton, Director

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cc: R. C. Callen  
G. Charnoff  
R. W. Jurgensen  
D. V. Shaller - Bridgman  
R. S. Hunter