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FITZPATRICK, E. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele
RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Documents discussions w/NRC on 920728 re mod to TS change to allow interim plugging criteria of 1.0 volt. Understands that NDE measurement error & voltage growth data referenced in listed Item 2 are plant cumulative probabilistic values.

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AEP:NRC:1166D

Donald C. Cook Nuclear Plant Unit 1
Docket No. 50-315
License No. DPR-58
MODIFICATION TO TECHNICAL SPECIFICATIONS CHANGE
TO ALLOW INTERIM PLUGGING CRITERIA OF 1.0 VOLT

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

July 29, 1992

Dear Dr. Murley:

This letter documents discussions held with members of your staff on July 28, 1992. During those discussions, we agreed to accept the following interim plugging criteria conditions that were transmitted to us via telephone. These conditions will be contained in the Technical Specifications amendment safety evaluation report. It is our understanding that the non-destructive examination measurement error and voltage growth data referred to in Item 2 below are Cook Nuclear Plant cumulative probabilistic values.

Interim Plugging Criteria Conditions

Determine the end-of-cycle (EOC) voltage distribution in terms of the number of indications falling into each of the following EOC voltage ranges:

- ≤ 2.5 volts
- > 2.5 to 4 volts
- > 4 volts

Acceptable methods for determining the EOC voltage distribution include:

- 1) The methodology described in WCAP-13187. (This involves sampling the cumulative probability distributions of NDE measurement error and of voltage growth during the most recent operating cycle using Monte Carlo techniques and applying the results to the beginning-of-cycle (BOC) voltage distribution.)

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Dr. T. E. Murley

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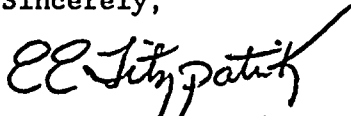
2) A simplified approach may be used as an alternative (to the WCAP-13187 approach) provided it provides for a conservative treatment of the tails of the cumulative probability distributions of NDE measurement error and of voltage growth to the 100% cumulative probability values.

SLB leakage as a function of EOC voltage shall be determined as follows:

<u>EOC Voltage</u>	<u>SLB Leakage</u>
≤ 2.5 volts	0
> 2.5 volts to 4 volts	1 liter/hour
> 4 volts	10 liters/hour

This letter is submitted pursuant to 10 CFR 50.54(f) and, as such, an oath statement is enclosed.

Sincerely,



E. E. Fitzpatrick
Vice President

dag

cc: D. H. Williams, Jr.
A. A. Blind - Bridgman
J. R. Padgett
G. Charnoff
NFEM Section Chief
A. B. Davis - Region III
NRC Resident Inspector - Bridgman

STATE OF OHIO)
COUNTY OF FRANKLIN)

E. E. Fitzpatrick, being duly sworn, deposes and says that he is the Vice President of licensee Indiana Michigan Power Company, that he has read the forgoing Modification to Technical Specifications Change to Allow Interim Plugging Criteria of 1.0 Volt and knows the contents thereof; and that said contents are true to the best of his knowledge and belief.

E. E. Fitzpatrick

Subscribed and sworn to before me this 29th
day of July, 1992.

Rita D. Hill

NOTARY PUBLIC

RITA D. HILL
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 6-28-94



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