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 AUTH. NAME AUTHOR AFFILIATION
 HUNTER, R.S. Indiana & Michigan Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Advises of implementation status of NUREG-0737, Item II, F.2,
 "Instrumentation for Detection of Inadequate Core Cooling,"
 Reactor vessel level instrumentation sys installed. Sys
 operation expected by 830301 following receipt of all data.

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21501920 & 5967201 of the 1961-1962 season. The 1961-1962 season was a record for the State of California. The 1961-1962 season was a record for the State of California.

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[illegible]

of this : "The purpose of this study is to determine the effect of the use of the word 'the' on the rate of error in the reading of the word 'the' in the sentence 'The cat sat on the mat.' The results of the study are as follows: The rate of error in the reading of the word 'the' in the sentence 'The cat sat on the mat.' is significantly higher when the word 'the' is used than when it is not used. This suggests that the use of the word 'the' may be a factor in the rate of error in the reading of the word 'the' in the sentence 'The cat sat on the mat.'"

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[illegible]

INDIANA & MICHIGAN ELECTRIC COMPANY

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

November 9, 1982
AEP:NRC:0398H

Donald C. Cook Nuclear Plant Unit No. 1
Docket No. 50-315
License No. DPR-58
NUREG-0737; ITEM II.F.2, IMPLEMENTATION STATUS


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

Dear Mr. Denton:

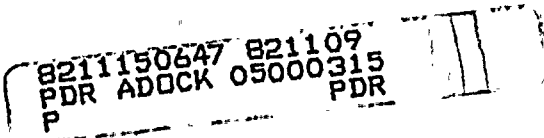
This letter serves to advise you of the implementation status of NUREG-0737, Item II.F.2 ("Instrumentation for Detection of Inadequate Core Cooling"). The Reactor Vessel Level Instrumentation System has been physically installed in Unit 1. We are presently awaiting the receipt of calibration "correction factors" and the environmental qualification reports from Westinghouse Electric Corporation. Internal review of the environmental qualification of the system cable routing is in process. The receipt of the calibration "correction factors" is expected in early 1983. Following receipt of all data we anticipate that the system will be ready for operation by approximately March 1, 1983.

This document has been prepared following corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,


R. S. Hunter
Vice President

/os
cc:(attached)



A046



Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 50°C . The concentration of SnCl_4 was 1.0×10^{-2} mole/l. The concentration of α -methylstyrene was 0.5 mole/l. The concentration of the inhibitor was: (a) 0.0001 mole/l.; (b) 0.0002 mole/l.; (c) 0.0005 mole/l.; (d) 0.001 mole/l.; (e) 0.002 mole/l.; (f) 0.005 mole/l.; (g) 0.01 mole/l.; (h) 0.02 mole/l.; (i) 0.05 mole/l.; (j) 0.1 mole/l.

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Detailed description of Figure 1: The graph plots the percentage of total catch against the number of hauls (1 to 10) for three species, labeled A, B, and C. Species A (top line) starts at 100% for 1 haul and decreases to approximately 10% for 10 hauls. Species B (middle line) starts at 100% for 1 haul and decreases to approximately 10% for 10 hauls. Species C (bottom line) starts at 100% for 1 haul and decreases to approximately 10% for 10 hauls. The lines are roughly linear on this semi-log scale, indicating a power-law relationship between catch and effort.

Number of hauls	Species A (%)	Species B (%)	Species C (%)
1	100	100	100
2	50	50	50
3	33	33	33
4	25	25	25
5	20	20	20
6	17	17	17
7	14	14	14
8	13	13	13
9	11	11	11
10	10	10	10

[illegible]

cc: John E. Dolan - Columbus
M. P. Alexich
R. W. Jurgensen
W. G. Smith, Jr. - Bridgman
R. C. Callen
G. Charnoff
Joe Williams, Jr.
NRC Resident Inspector at Cook Plant - Bridgman

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

Figure 1 displays a 4x4 grid of 16 small images. The images are arranged in four rows and four columns. The first row contains a crescent moon, a small circle, a small square, and a small circle. The second row contains a small square, a small circle, a small square, and a small circle. The third row contains a small square, a small circle, a small square, and a small circle. The fourth row contains a small square, a small circle, a small square, and a small circle.

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