



INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

TEHQ FILE COPY

PRINCIPAL STAFF			
✓ DIR	Wes	E&IS	
D/D		PAO	
A/D		SLO	
✓ DR&PI	Wes		
✓ DE&TI	Wes		
✓ DEP&OS		File	Wes

April 15, 1982

G. W. Bruchman, Acting Chief
Michigan Department of Public Health
Division of Radiological Health
3500 North Logan, P. O. Box 30035
Lansing, Michigan 48909



50-315

Dear Mr. Bruchman:

We have received your letter of April 2, 1982, regarding the March 31, 1982 Unusual Event at D. C. Cook Plant. An investigation into the matter confirmed your description of the event, as well as the benefits of providing your staff with a brief initial technical description of Plant conditions and their potential effects on the public.

In the event of future Emergency Plan clarifications, your staff should request to speak to the Shift Supervisor at 616-465-5901, ext. 1210, 1220 or 1231 (Unit One Control Room, Unit Two Control Room or the Shift Supervisor's office respectively). This communications link will enable your staff to make an initial assessment of Plant conditions for the purpose of defining the extent of State response prior to operation of the State Emergency Operations Center (SEOC) and the D. C. Cook Technical Support Center (TSC). Upon operation of the SEOC and the TSC, the State of Michigan Communications link will be from the SEOC to the TSC.

The protection of the health and safety of the public is a primary responsibility and objective of the Shift Supervisor. Under emergency conditions, the actions necessary to accomplish this objective are mitigation of the event, and providing off-site authorities with sufficient information to adequately assess the situation with regard to proper discharge of off-site responsibilities. The Shift Supervisors are aware that both actions will have to be accomplished simultaneously.

The on-duty Shift Supervisor at D. C. Cook will provide your Department with the information necessary to properly direct the resources of the State of Michigan. I would ask your assistance in keeping this conversation brief and to the point. The attached data sheet is used in transmitting initial data to the Michigan State Police and is suggested as a guide for the subject conversation.

Sincerely,

W. G. Smith, Jr.
W. G. Smith, Jr.
Plant Manager

WGS:frb

attachments

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ACCIDENT INFORMATION REPORTING DATA SHEET

D.C. Cook Unit _____ Date _____ Time Classified _____

Classification _____ Classified By _____

Description of Event _____

Time of Actual Or Projected Release _____ Estimation Of Duration Of Release _____

Release Involved: Yes _____ No _____

Release Rate: Noble Gas _____ Ci/sec Release Height: Ground Level
Iodine _____ Ci/sec

Meteorological Conditions: Wind Speed (mph) _____
Wind Direction: From _____ To _____
Stability Class: ΔT _____ Pasquill Cat. _____
Precipitation _____

Projected Dose At:	Site Boundary	2 Miles	5 Miles	10 Miles
Dose Rate, Whole Body	_____	_____	_____	_____
Integrated Dose, Whole Body	_____	_____	_____	_____
Dose Rate, Thyroid	_____	_____	_____	_____
Integrated Dose, Thyroid	_____	_____	_____	_____
Sectors Affected	_____	_____	_____	_____

Injured Personnel _____ Radioactivity Contaminated _____

Off-Site Emergency Protective Actions Recommended _____

Off-Site Support Requested _____ Type _____

Prognosis For Termination Or Worsening _____

