

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
DURING NORMAL OPERATION IT WAS DISCOVERED THAT THE RADIATION MONITOR FOR THE TURBINE
CONDENSER EVACUATION SYSTEM (SRA-2905) WAS INOPERABLE DUE TO THE SAMPLE PUMP'S FEED
BREAKER BEING TRIPPED OPEN. THE SAMPLE PUMP WAS IMMEDIATELY RESTORED TO SERVICE BUT
APPROXIMATELY 8 HOURS AND 41 MIN. HAS ELAPSED WHICH IS IN EXCESS OF THE 8 HOUR
REQUIREMENT OF T.S. 3.3.3.10b FOR SAMPLING. RMS-15 WHICH MONITORS THIS SAME PARAMETER
BUT DOES NOT MEET THE T.S. REQUIREMENT OF BEING SOURCE CHECKED REMAINED AT STEADY
LEVEL INDICATION DURING THIS TIME PERIOD. PUBLIC HEALTH & SAFETY WERE NOT AFFECTED

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	8	9	10	80
Z(42)		NA			
PUBLICITY					
2	0	1	2	3	4
N(44)		DESCRIPTION(45)		NA	
				NRC USE ONLY	

PHONE: (616) 465-5901

IE 22

SUPPLEMENT TO LER 83-095/01T-0

TOTAL ACTIVITY RELEASED 1.48 E-2 Ci

Ar-41 $3.07 \text{ E-5 } \mu\text{Ci/cc}$

Kr-88 $2.08 \text{ E-6 } \mu\text{Ci/cc}$

Kr-87 $1.48 \text{ E-6 } \mu\text{Ci/cc}$

Kr 85m $9.14 \text{ E-7 } \mu\text{Ci/cc}$

Xe-133 $5.62 \text{ E-6 } \mu\text{Ci/cc}$

Xe-135 $9.48 \text{ E-6 } \mu\text{Ci/cc}$

TOTAL RELEASE RATE 4.75 E-7 Ci/sec.

Ar-41 2.90 E-7 ci/sec

Kr-88 1.96 E-8 ci/sec

Kr-87 1.40 E-8 ci/sec

Kr-85m 8.63 E-9 ci/sec

Xe-133 5.31 E-8 ci/sec

Xe-135 8.95 E-8 ci/sec



INDIANA & MICHIGAN ELECTRIC COMPANY

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

October 14, 1983

Mr. J.G. Keppler, Regional Administrator
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

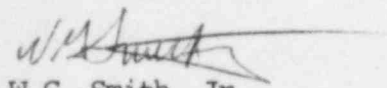
Operating License DPR-74
Docket No. 50-316

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix A Technical Specifications,
the following report/s are submitted:

RO 83-095/01T-0

Sincerely,


W.G. Smith, Jr.
Plant Manager

/clm

cc: J.E. Dolan
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