

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 8878

FILE:

<b>FROM:</b> Wisconsin Public Service Corporation Green Bay, Wisconsin 54305 E. W. James			<b>DATE OF DOC</b> 8-23-74	<b>DATE REC'D</b> 8-28-74	<b>LTR</b> X	<b>TWX</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b> Mr. O' Leary			<b>ORIG</b> 1 signed	<b>CC</b>	<b>OTHER</b>	<b>SENT AEC PDR</b> X <b>SENT LOCAL PDR</b> X		
<b>CLASS</b>	<b>UNCLASS</b> XXXX	<b>PROP INFO</b>	<b>INPUT</b>	<b>NO CYS REC'D</b> 1		<b>DOCKET NO:</b> 50-305		
<b>DESCRIPTION:</b> Ltr reporting Abnormal Occurrence # 50-305/74-14, on 8-19-74, in which one component cooling pump was out of service.....				<b>ENCLOSURES:</b>  <b>ACKNOWLEDGED</b> <b>Do Not Remove</b>				
<b>PLANT NAME:</b> Kewaunee								

FOR ACTION/INFORMATION

8-28-74

AB

BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	ZIEMANN(L) W/ Copies	REGAN(E) W/ Copies
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INTERNAL DISTRIBUTION

<u>REG FILE</u>	<u>TECH REVIEW</u>	<u>DENTON</u>	<u>LIC ASST</u>	<u>A/T IND</u>
✓ AEC PDR	✓ SCHROEDER	GRIMES	DIGGS (L)	BRAITMAN
✓ OGC, ROOM P-506A	✓ MACCARY	GAMMILL	GEARIN (L)	SALTZMAN
✓ MUNTZING/STAFF	✓ KNIGHT	KASTNER	GOULBOURNE (L)	B. HURT
✓ CASE	✓ PAWLICKI	BALLARD	KREUTZER (E)	<u>PLANS</u>
GIAMBUSO	✓ SHAO	SPANGLER	LEE (L)	MCDONALD
BOYD	✓ STELLO	<u>ENVIRO</u>	MAIGRET (L)	CHAPMAN
MOORE (L) (BWR)	✓ HOUSTON	MULLER	REED (E)	DUBE w/input
DEYOUNG(L) (PWR)	✓ NOVAK	DICKER	✓ SERVICE (L)	E. COUPE
SKOVHOLT (L)	✓ ROSS	KNIGHTON	SHEPPARD (L)	✓ D. THOMPSON (2)
✓ GOLLER(L)	✓ IPPOLITO	YOUNGBLOOD	SLATER (E)	✓ KLECKER
P. COLLINS	✓ TEDESCO	REGAN	SMITH (L)	✓ EISENHUT
DENISE	✓ LONG	PROJECT LDR	TEETS (L)	
REG OPR	✓ LAINAS	HARLESS	WILLIAMS (E)	
✓ FILE & REGION (2)	✓ BENAROYA		WILSON (L)	
✓ MORRIS	✓ VOLIMER			
✓ STEELE				

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR Kewaunee, WI.	(1)(2)(10)-NATIONAL LABS	1-PDR-SAN/LA/NY
✓ 1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-BROOKHAVEN NAT LAB
✓ 1 - NSIC (BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	1-G. ULRIKSON, ORNL
1 - ASLB	1-B&M SWINEBROAD, Rm E-201 GT	1-AGMED (RUTH GUSMAN)
✓ 1 - Newton Anderson	1-CONSULTANTS	Rm B-127 GT
✓ 5 - ACRS HOLDING SENT TO LIC ASST.	NEWMARK/BLUME/AGBABIAN	1-RD..MUELLER, Rm F-1
M. SERVICE FOR DIST.		GT

## WISCONSIN PUBLIC SERVICE CORPORATION



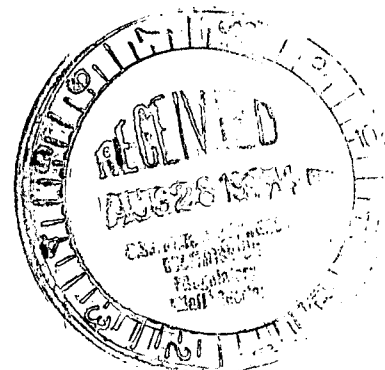
P.O. Box 1200, Green Bay, Wisconsin 54305

August 23, 1974

Mr. J. F. O'Leary, Director  
Directorate of Licensing  
Office of Regulation  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

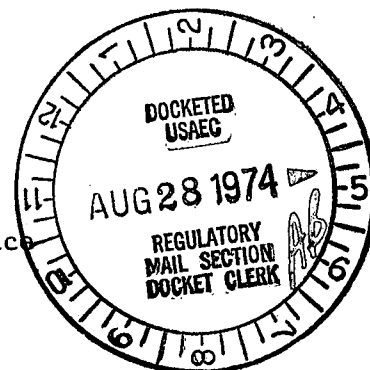
Dear Mr. O'Leary:

Subject: Docket 50-305  
Operating License DPR-43  
Abnormal Occurrence Report



In accordance with the requirements of Technical Specifications, paragraphs 1.0a.1.(d), 3.3.c.2.A and 6.6.2.a, we submit the following:

Report Number: 50-305/74-14  
Report Date: August 23, 1974  
Occurrence Date: August 19, 1974  
Facility: Kewaunee Nuclear Power Plant  
Kewaunee, Wisconsin  
Identification of Occurrence: One component cooling pump out of service  
Condition Prior to Occurrence: Reactor at power - 100%  
Normal Operating Temperature - 560°F  
Normal Operating Pressure - 2222 psig  
Normal Charging and Letdown  
Description of Occurrence: The preventive maintenance procedure was run on the component cooling pump on Friday afternoon, August 16. During the test, the breaker was racked out, tests run on the motor and the breaker racked in upon completion of the test.



On Monday, August 19, an attempt was made to start component cooling pump 1A. When it failed to start, it was discovered that the breaker was not properly racked in. Upon examination of the breaker, it was discovered that the lever on the breaker which completes the circuit and allows the breaker to be energized was not restored to its "up" position. The lever was restored to the "up" position and the pump was operated satisfactorily.

August 23, 1974

Description of  
Apparent Cause  
of Occurrence:

Failure to properly rack in the breaker by not restoring the lever to the "up" position.

Analysis of  
Occurrence:

The Kewaunee Nuclear Power Plant has two full capacity component cooling pumps.

One component cooling water pump and one component cooling heat exchanger can accommodate the heat removal load either following a loss-of-coolant accident or during normal plant shutdown. Since one component cooling pump and heat exchanger are in operation continuously, it would have required the failure of the operating train coincident with a loss-of-coolant accident to approach a condition when heat removal by the component cooling system was not available. The operator is provided with several alarms and annunciators to denote failure of a component cooling train. Loss of component cooling can be tolerated for a short period of time, this would permit operations and maintenance personnel to determine the cause of pump 1A not operating. Following the proper racking in of the breaker, at least one train of component cooling would again be available. We, therefore, believe no immediate risk to the health and safety of the public existed.

Corrective Action: Discussions with the maintenance personnel led to the conclusion that the lever was left in the "down" position following the test on the pump. To provide assurance that similar events do not occur in the future, the Operations Supervisor has issued a memorandum to all Shift Supervisors which requires them to retest all safeguards equipment when returned to service following a test. This will be followed until the preventative maintenance procedures have been revised incorporating the requirement to retest the equipment to verify its operability.

Failure Data:

Since no equipment failed, there is no failure data to report; although the breaker in question was an Allis-Chalmers air circuit breaker LA-600, 600 volts, frame size 600 amps.

Very truly yours,



E. W. James, Senior Vice President  
Power Generation & Engineering

EWJ:sna

cc - Mr. James G. Keppler, US AEC, Region III  
Mr. Dwane Boyd, US AEC, Resident Inspector