

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 5002
FILE: Environ

FROM: Wisconsin Public Service Green Bay Wisc. E.W. James		DATE OF DOC 5-2-75	DATE REC'D 5-6-75	LTR XX	TWX	RPT	OTHER
TO: Benard C. Rusche		ORIG 1 Signed	CC	OTHER	SENT AEC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-305		
DESCRIPTION: Ltr. reprt. Abnorm. Occurr. # 75-3, on 4-25-75 concerning Discharge of the Waste Neutralizing Tank with pH of the solution released less than 6.0..... (1 cy. ltr. Rec'd)				ENCLOSURES:			
PLANT NAME: Kewaunee							

FOR ACTION/INFORMATION

VCR 5-7-75

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPEIS W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	LICENSING PROJECT MANAGER

INTERNAL DISTRIBUTION

<u>REG FILE</u> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MPIC STEELE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	LIC ASST. R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) (2) M. SLATER (E) (2) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L)	A/T IND. BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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EXTERNAL DISTRIBUTION

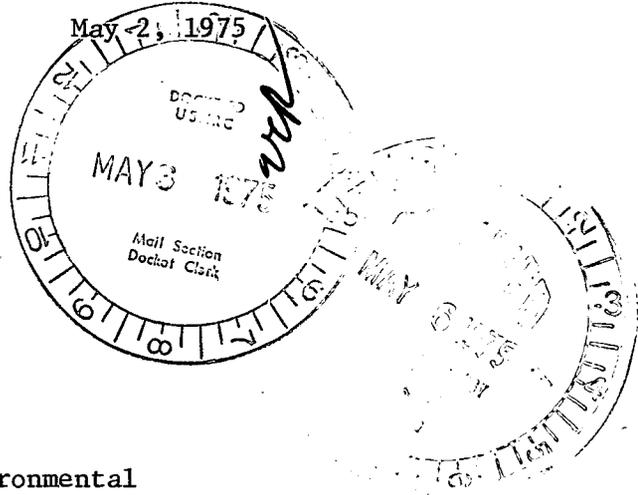
1 - LOCAL PDR <u>Kewaunee Press.</u>	1 - NATIONAL LABS <u>ANL</u>	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON, ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
1 - ACRS HOLDING/SENT		

WISCONSIN PUBLIC SERVICE CORPORATION



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

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Mr. Rusche:

Subject: Docket 50-305
Operating License DPR-43.
Reportable Incident - Environmental
Technical Specifications

In accordance with the requirements of Environmental Technical Specifications (Appendix B), paragraphs 5.4.c and 2.2.2, we submit the following:

Report Number: 50-305/ETSR 75-3

Occurrence Date: April 25, 1975

Facility: Kewaunee Nuclear Power Plant
Kewaunee, Wisconsin

Identification of Occurrence: Discharge of the Waste Neutralizing Tank with the pH of the solution released less than 6.0.

Conditions Prior to Occurrence: Reactor critical - 90% power
Normal operating temperature - 556°F
Normal operating pressure - 2235 psig

Description of Occurrence: At 1000 hours on April 25, 1975, a discharge of the waste neutralizing tank was initiated following verification that all Technical Specification requirements were satisfied. At 1030 hours the operator commenced filling the sulfuric acid day tank. The sulfuric acid day tank overflow line flowed to the waste neutralizing tank. At 1230 hours it was noted by the operator that the installed pH meter on the waste neutralizing tank was indicating a pH of 2. The discharge of the waste neutralizing tank was then terminated.

Analysis of Occurrence: The transfer of sulfuric acid from the storage tank to the day tank is accomplished by a transfer pump which is interlocked with a high level trip on the day tank. Due to corrosion of the level monitoring system on the sulfuric

Mr. Benard C. Rusche

Page 2

May 2, 1975

acid day tank the high level trip failed to actuate. Approximately 75 gallons of sulfuric acid overflowed the day tank and by design was routed to the waste neutralizing tank which was being discharged to the lake. The discharge rate from the waste neutralizing tank was less than 50 gpm. The overflow period of the sulfuric acid day tank was approximately one and one-half hours in duration. The minimum pH in the waste neutralizing tank at the termination of sulfuric acid pump operation was determined to be 1.4. Circulating water flow rate during this period was in excess of 400,000 gpm.

Corrective Action: A design change had been initiated to route the overflow from the sulfuric acid day tank back to the sulfuric acid storage tank prior to this occurrence. Approval to perform this modification had been attained prior to this occurrence and the modification work was in progress at the time of the occurrence. This modification work will be completed in the near future.

Sincerely,

A handwritten signature in cursive script, appearing to read "E. W. James" with a flourish underneath.

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

EWJ:sna

cc - Mr. J. G. Keppler, US NRC
Mr. Dwane Boyd, US NRC - Resident Inspector