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TO:

MR. R. A. PURPLE

FROM:

WISCONSIN PUBLIC SERVICE CORP.
GREEN BAY, WISCONSIN
E. W. JAMES

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DESCRIPTION

LTR. RE THEIR 2/9/76 LTR.....
FURNISHING ADDITIONAL INFORMATION TO AID IN
EVALUATING CERTAIN REQUESTED CHANGES TO TECH
SPECS?

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME:

KEWAUNEE

SAFETY

FOR ACTION/INFORMATION

ENVIRO 5/24/76 RJL

ASSIGNED AD :

BRANCH CHIEF :

PROJECT MANAGER:

LIC. ASST. :

PURPLE (6)

SHEPPARD

ASSIGNED AD :

BRANCH CHIEF :

PROJECT MANAGER :

LIC. ASST. :

INTERNAL DISTRIBUTION

NEG FILE

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HANAUER

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PLANT SYSTEMS

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SITE TECH

GAMMILL

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REACTOR SAFETY

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CHECK

AT & I

SALTZMAN

RUTBERG

OPERATING TECH

EISENHUT

SHAO

BAER

SCHWENCER

GRIMES

SITE SAFETY & ENVIRO

ANALYSIS

DENTON & MULLER

SITE ANALYSIS

VOLLMER

BUNCH

J. COLLINS

KRIEGER

EXTERNAL DISTRIBUTION

LPDR: KEWAYNEE, WI

TIC

NSIC

ASLB

ACRS 16 HOLDING SENT: SHEPPARD

NATL LAB

REG. V-IE

LA PDR

CONSULTANTS

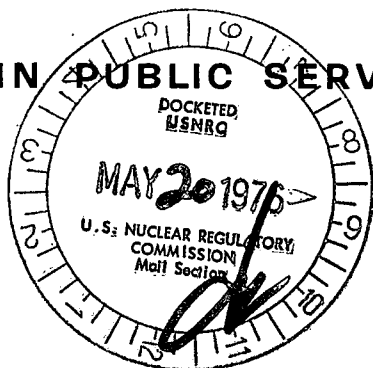
BROOKHAVEN NATL LAB

ULRIKSON (ORNL)

CONTROL NUMBER

5090

WISCONSIN PUBLIC SERVICE CORPORATION



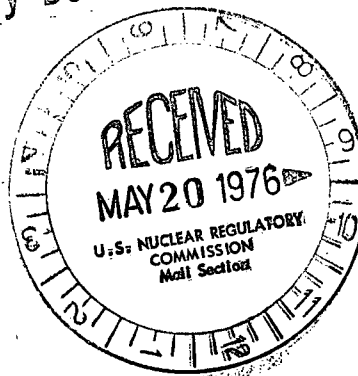
P.O. Box 1200, Green Bay, Wisconsin 54305

May 18, 1976

Regulatory Docket File

Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

ATTN: Mr. R. A. Purple, Chief
Operating Reactors Branch #1
Division of Operating Reactors



Gentlemen:

REF: Docket 50-305
Operating License DPR-43
Letter to Mr. R. A. Purple from Mr. E. W. James
dated 2/9/76

The referenced letter requested changes to Section 3.9 of the Kewaunee Plant Technical Specifications to correct certain errors which existed in the specifications and provide additional operating flexibility while not reducing the objectives of the specifications.

The following is provided as additional information to aid the staff in evaluating certain of the requested changes to the Technical Specifications addressed in our referenced letter.

Item 3 of the referenced letter discussed the Specification 3.9.a.4 which required continuous operation of radiation monitor R-19, the steam generator blowdown monitor. We had requested a wording change which would allow employment of the air ejector monitor, R-15, as an alternate to the blowdown monitor, R-19. The original design of the Kewaunee Plant included automatic isolation of the steam generator blowdown and the steam generator blowdown sampling upon receipt of a high radiation signal by the blowdown radiation monitor, R-19. The design also included an automatic re-routing of the condensor air ejector exhaust to the auxiliary building ventilation filters and stack upon a high radiation signal from the air ejector monitor, R-15. Section 11 of the FSAR addresses the operation of the monitors R-15 and R-19. A design change has been instituted to interconnect R-19 and R-15 to provide the automatic isolation and re-routing actions if either monitor measures high radiation indicating a steam generator tube leak.

We estimate that the change to the plant wiring will be physically implemented by June 15, 1976.

U. S. Nuclear Regulatory Commission

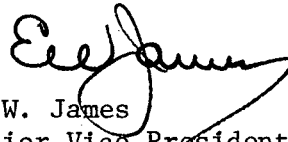
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May 18, 1976

The Kewaunee Plant is operated with an all volatile secondary water treatment methodology which requires continuous high volume steam generator blowdown. The steam generators at the Kewaunee Plant have been inspected for wall thinning, denting, and slug deposition on the secondary side of the tube sheet. These inspections to date indicate an excellent condition of the generators and no primary to secondary leaks have been detected. Due to the integrity of the steam generators and the all volatile treatment methodology, the steam generator blowdown is currently routed directly to the auxiliary building standpipe for discharge to the circulating water system and the lake. Section 11 of the FSAR addresses the normal operation of steam generator blowdown.

Item 11 of the referenced letter addressed the fact that the 45 day retention period of gaseous wastes did not consider very low level radioactive wastes. We requested that the 45 day retention period requirement only apply to other than very low level gaseous wastes. It was proposed that a factor of 1/100 of specification 3.9.b.1 be employed as discharge rate limit instead of 45 days of retention for low level gaseous wastes when the need for operational flexibility exists. To include halogens and particulates with longer half lives, the specification 3.9.b.2 should also be included in the proposed change to specification 3.9.b.5 by listing both specifications 3.9.b.1 and 3.9.b.2 as the limits.

Very truly yours,



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

EWJ:sna