

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 11920

FILE: _____

FROM: Wisconsin Public Service Corp. Green Bay =Wis. 54305 E.W. James		DATE OF DOC 11-20-74	DATE REC'D 11-22-74	LTR X	TWX	RPT	OTHER
TO: Mr. E. Case		ORIG 3 signed	CC 37	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT XXX	NO CYS REC'D 40	DOCKET NO: 50-305		

DESCRIPTION: Ltr notarized 11-20-74 requesting for Amdt #6 to Tech Specs of OL DPR-43 which consists of a change in the frequency of counting & recording the species of fish collected in the trash basket & trans the following:

ENCLOSURES: Rev. Pages to Change No. 8 of AMDT #6.....

ACKNOWLEDGED

(40 cys encl rec'd)

DO NOT REMOVE

Dist Per Shirley Sheppard

PLANT NAME: Kewaunee

FOR ACTION/INFORMATION

DHL 11-22-74

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	W/ Copies
KNIEL (L) W/ Copies	✓ PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

✓ REG FILE	TECH REVIEW	DENTON	LIC ASST	A/T IND
✓ AEC PDR	SCHROEDER	GRIMES	DIGGS (L)	BRAITMAN
✓ OGC, ROOM P-506A	MACCARY	GAMMILL	GEARIN (L)	SALTZMAN
✓ MUNTZING/STAFF CASE	KNIGHT	KASTNER	GOULBOURNE (L)	B. HURT
GIAMBUSO	PAWLICKI	BALLARD	KREUTZER (E)	PLANS
BOYD	SHAO	SPANGLER	LEE (L)	MCDONALD
MOORE (L) (BWR)	STELLO	✓ ENVIRO	MAIGRET (L)	CHAPMAN
DEYOUNG (L) (PWR)	HOUSTON	✓ MULLER	REED (E)	✓ DUBE w/input
SKOVHOLT (L)	NOVAK	✓ DICKER	SERVICE (L)	✓ E. COUPE
✓ GOLLER (L)	ROSS	✓ KNIGHTON	✓ SHEPPARD (L) <i>for info</i>	
P. COLLINS	IPPOLITO	YOUNGBLOOD	✓ SLATER (E)	D. THOMPSON (2)
DENISE	TEDESCO	REGAN	SMITH (L)	KLECKER
✓ REG OPR	LONG	✓ PROJECT LDR	TEETS (L)	EISENHUT
FILE & REGION (4)	LAINAS	✓ <i>Oestman</i>	WILLIAMS (E)	✓ <i>Schemel</i>
MORRIS	BENAROYA	HARLESS	WILSON (L)	
STEELE	VOLIMER			

EXTERNAL DISTRIBUTION

LB

- ✓ LOCAL PDR Kewaunee, WI
- ✓ TIC (ABERNATHY) (1)(2)(10)
- ✓ NSIC (BUCHANAN)
 - 1 - ASLB
 - 1 - Newton Anderson
- ✓ 6 - ACRS ~~██████████~~
 - 1 - NATIONAL LABS
 - 1 - ASLBP (E/W Bldg, Rm 529)
 - 1 - W. PENNINGTON, Rm E-201 GT
 - 1 - B&M SWINEBROAD, Rm E-201 GT
 - 1 - CONSULTANTS
 - NEWMARK/BLUME/AGBABIAN
- 1 - PDR-SAN/LA/NY
- 1 - BROOKHAVEN NAT LAB
- 1 - G. ULRIKSON, ORNL
- 1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
- 1 - R. D. MUELLER; Rm E-201 GT

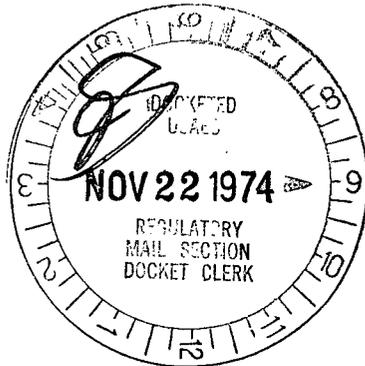
SENT to SLATER

WISCONSIN PUBLIC SERVICE CORPORATION

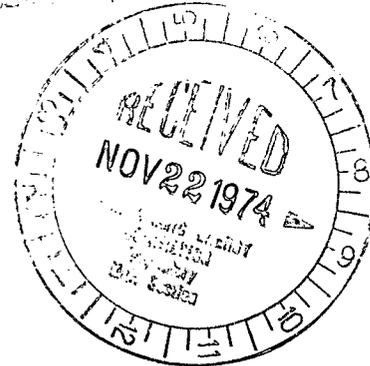


P.O. Box 1200, Green Bay, Wisconsin 54305

November 20, 1974



Regulatory File Cy.



Mr. Edson Case, Acting Director
Directorate of Licensing
Office of Regulation
U.S. Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Case:

Subject: Amendment No. 6 to Operating License DPR-43
Kewaunee Nuclear Power Plant
Docket 50-305

We submit herewith, thirty-seven (37) copies of Amendment
No. 6 to the Technical Specifications - Operating License DPR-43.

This submittal consists of a change in the frequency of
counting and recording the species of fish collected in the trash
basket. This was discussed with a member of your staff (Ms. Mary Jane
Oestmann) on November 12 and verbal approval was given for the change.
We are presently complying with the proposed change.

Very truly yours,

[Handwritten signature]

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

EWJ:jm

Subscribed and Sworn to
Before Me This 20TH Day
of November, 1974

[Signature]
Notary Public, State of Wisconsin

My Commission Expires

9-13-75

11920

FAC

4.0 ENVIRONMENTAL SURVEILLANCE AND SPECIAL STUDIES

4.1.1 Aquatic (Continued)

- b. Selected samples shall be analyzed to determine live-dead ratios as soon as possible after collection (usually 10-30 minutes) and again at 4 hours after collection. Organisms shall be identified to genus or species. The length of the organisms shall be determined to assess the effect of size on condenser passage mortality. Species composition and density shall be determined for selected sampling locations.

Bases: Operational data will be compared with data gathered before the plant became operational, thereby providing information in order to help determine the effect of the plant upon the entrained organisms. Fish capture to date has shown that more frequent counting of the fish is not practical and that, except for the fish run, counting at least twice per week will provide sufficient data to determine the fish impingement over extended periods of time.

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4.0 ENVIRONMENTAL SURVEILLANCE AND SPECIAL STUDIES

4.1.1 Aquatic

b. Entrainment and Impingement

Objective: To determine the effect of entrainment of phytoplankton and zooplankton and the impingement of fish on the traveling screens.

Specification: Entrainment and impingement studies shall continue for two years after the plant becomes operational. A summary of the progress and results of these studies shall be included in the Semi-Annual Operating Report. Data collected during the two years of the program shall be evaluated by the licensee and the AEC to determine whether the program should be modified or discontinued.

1. Fish Impingement

The number, size and weight of all species collected in the circulating water trash basket shall be identified by plant personnel a minimum of twice per week during circulating water pump operation or when the quantity of fish collected reaches a level of approximately 12 inches in the trash basket. An inspection of the trash basket shall be made once per shift. Exceptions to the above shall be permitted during the fish run, when the trash basket may fill more frequently and to a higher level, thereby requiring more frequent identification and recording of the fish capture. If the numbers of smelt and alewives captured in the trash basket exceeds 50, the average size and weight and an estimate of the total number shall be determined from a subsample of approximately 10% of the impinged species.

2. Phytoplankton Entrainment

- a. Phytoplankton analysis shall be conducted on samples from six locations; at the intake, in the forebay, in the discharge, at two locations in the plume, and at one sampling location in a control area outside of the plume influence.
- b. Duplicate samples shall be taken and the concentration of chlorophyll a and photosynthetic rate as determined by ¹⁴C uptake shall be determined at 7, 24, 48 and 72 hours after collection. Species composition and density shall be determined for selected sampling locations.

3. Zooplankton Entrainment

- a. Duplicate samples shall be collected from the same stations as the phytoplankton samples.

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Amendment No. 6
Change No. 8
November 15, 1974