

MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947) AECM-0240		See me about this. Note and return.	For concurrence. For signature.	For action. For information.
TO (Name and unit) RO Chief, FS&EB RO:HQ (4) Licensing (4) <u>DR Central Files</u> Region I	INITIALS	REMARKS Wisconsin Public Service Corporation Kewaunee 50-305		
	DATE			
TO (Name and unit) Region II PDR Local PDR NSIC DTLE	INITIALS	REMARKS		
	DATE			
TO (Name and unit) OCG, Beth, P=506A R. Ranfrow, GC	INITIALS	REMARKS		
	DATE			
FROM (Name and unit) G. Fiorelli RO:III	REMARKS Attached is a copy of licensee's reply dtd 3/20/74 to RO Information Request 74-2.			
PHONE NO.	DATE 4-11-74			

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-469

A/S

WISCONSIN PUBLIC SERVICE CORPORATION



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

March 20, 1974

U. S. Atomic Energy Commission
Directorate of Regulatory Operations
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Attention: Mr. James G. Keppler
Regional Director

Dear Sir:

Reference: Docket 50-305
Letter from Mr. J. G. Keppler to Mr. E. W. James
Dated February 20, 1974

The referenced letter transmitted Directorate of Regulatory Operations Information Request No. 74-2 "PWR Main Steam Line Isolation Valves" which requested that specific information regarding the main steam line isolation valves installed at Kewaunee be provided.

We have provided the information requested in the attachment to this letter.

Very truly yours,

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

EWJ:sna
Attach.
cc - Dr. D. F. Knuth

MAR 22 1974

KEWAUNEE MAIN STEAM LINE ISOLATION VALVE DATA

The items on this attachment are in the same order as noted in Information Request No. 74-2.

1. Kewaunee Nuclear Power Plant - Unit No. 1
2. Figure 10.2-1 of Section 10 of the FSAR shows the location of the 30" main steam non-reverse stop check isolation valves. They are identified as CV 31015 and CV 31016 and can be located at coordinates D-4 and A-4 respectively.
3. Following drawings are enclosed:
 - a. 69-XA-26 - Dimensional Data
 - b. 70-XA-33 - Parts List
 - c. 73-XS-71 - Sheets 1 through 4 - Parts Identification
4. Schutte-Koerting Company
5. Design Specification:

1100 psia	
600 F	
Operating Conditions - Full Power	Hot Shutdown Condition:
720 psia	1020 psia
506 F	547 F
6. Functional Design Requirements of Valve:
 - a. Valve to close on stoppage of steam flow through the valve or on a reverse flow from one steam generator to the other.
 - b. Valve swing disc is held open by 90 psig air, and closed by spring action when air is released from cylinder.
 - c. Valve closes upon receipt of the following signals (Reference Tech Spec Table TS 3.5-4)
 - (1) High-High steam flow with safety injection signal
 - (2) High steam flow (1/2) and (2/4) low Tavg with safety injection signal
 - (3) High containment pressure (2/3)
 - (4) Manual
7. We believe valve is capable of performing its function under conditions for which it was designed to operate, although it has not been subjected to actual operating conditions, at this time.
8. There have been no operational malfunctions, since our plant is not fully operational.