

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) DR Central Files Region I		INITIALS	REMARKS Wisconsin Public Service Corporation Kewaunee 50-305	
		DATE		
TO (Name and unit) Region II PDR Local PDR NSIC TIC		INITIALS	REMARKS	
		DATE		
TO (Name and unit) OGC, Beth, P-506A R. Renfrow, GC (2) J. Rizzo, RO:HQ A/D for Info. Processing, OOE		INITIALS	REMARKS	
		DATE		
FROM (Name and unit) G. Fiorelli RO:III		REMARKS Attached is a copy of licensee's reply dated November 1, 1974, to RO Bulletin 74-11.		
PHONE NO.	DATE 11-6-74			

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-453

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WISCONSIN PUBLIC SERVICE CORPORATION



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

November 1, 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

Reference: Docket 50-305
Operating License DPR-43
Letter J. G. Keppler to Mr. E. W. James
dated October 21, 1974

Dear Mr. Keppler:

The referenced letter transmitted Directorate of Regulatory Operations Bulletin 74-11 "Improper Wiring of Safety Injection Logic at Zion 1 and 2", which described a design error in the wiring of safety injection logic circuitry and a request for action to be taken by Wisconsin Public Service Corporation.

The Kewaunee Plant does not employ a loop differential pressure circuit as described in the bulletin but it does employ comparators. We therefore examined our circuits which employ comparators and have determined that a similar circumstance as described does not exist at our facility.

The Kewaunee preoperational and startup test program employed test procedures which were based upon the systems approach. The circuits were checked as a system from detector input, using simulated signals when necessary, to final logic output. During our test program, we discovered errors in circuitry, these included errors both in A-E interface drawings and in vendor design drawings. In all cases, either the Architect-Engineer or the Vendor was informed of the errors and corrective action which was taken. The AEC inspector was made aware of these deficiencies. Documentation of these deficiencies and corrective action taken exists in our test files.

Our abnormal occurrence report, 50-305/74-6 dated June 21, 1974, reported a design error in the interface drawings between the Foxboro

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and Westinghouse instrumentation for the delta T setpoint comparator. This error was uncovered as a result of a test, whose objective was to calibrate and functionally check this comparator, which could not be performed until higher power levels were attained.

Yours very truly,



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

EWJ:jm

cc - Dr. D. F. Knuth, US AEC
Mr. Dwane Boyd, US AEC - Resident Inspector