

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 TIC	INITIALS	REMARKS		
	DATE			
TO (Name and unit) OGC, Beth, P-506A R. Renfrow, GC J. Rizzo, RO:HQ A/D for Info. Processing, OOE	INITIALS	REMARKS		
	DATE			
FROM (Name and unit) G. Fiorelli RO:III	REMARKS Attached is licensee's reply dated November 6, 1974, to RO Bulletin 74-13.			
PHONE NO.	DATE 11-11-74			

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-469

AD PC

WISCONSIN PUBLIC SERVICE CORPORATION



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

November 6, 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 Mr. Keppler:

Reference: Docket 50-305
Operating License DPR-43
Letter from Mr. J. G. Keppler to Mr. E. W. James
dated October 25, 1974

The referenced letter transmitted Directorate of Regulatory Operations Bulletin 74-13, "Improper Factory Wiring on General Electric Motor Control Centers at Fort Calhoun", which described a deficiency in the factory wiring on GE Type 7700 MCC breaker-starters and a request for action to be taken by Wisconsin Public Service Corporation.

A field inspection of the GE motor control centers used in safety related systems at Kewaunee revealed that all were wired with Type TA wiring, which is a thermo-plastic asbestos covered wire. The purchase orders for the 5 KV switchgear, 480 V switchgear, motor control centers, auxiliary feedwater panel, diesel-generator relay racks and boric acid heat trace panels were reviewed and all specified Delta-Boston Type TA or an engineered approved equivalent cable. In addition, an audit was performed on all purchase orders submitted by our electrical contractor, since they were responsible for installing inter-panel wiring and engineering revisions. There is no evidence that the electrical contractor ordered or used GE Vulkene type XHHW wire at the Kewaunee Plant.

We have attached a copy of an audit sheet from a vendor surveillance report which shows the type of wire used was one of the audit check points.

From our review and inspection, we can state that we do not have GE Vulkene "600" type XHHW cable in our safety related motor

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control centers and therefore a similar circumstance as described in the bulletin does not exist at our facility.

Very truly yours,



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

EWJ:jm

cc: Dr. D. Knuth
Mr. Dwane Boyd, Resident Inspector, Region III

Attach:

June 21, 1971
K 369
Sheet 3 of 3

This manual was approved for their Navy Nuclear Program. The manual was compatible in all respect to our QCIP-111-1, Items 1 through 13 inclusive.

The difference noted by the writer was that their NDT personnel are qualified to MIL requirements rather than SNT-TC-1A.

Surveillance of Panel

Shop inspection was made with respect to the fabrication of the steel cabinets. These cabinets were welded in a good workmanlike manner, door handles recessed per specification and top panel opening, etc.

A visit was made to their wiring bay and blocks were being set up for system wiring. It was noted that GE Vulken wire No. S1-17275 was assigned. It was called to Mr. Rich Byron, QC Engineer that GE "Vulkene" was a deviation to our specification and that they were to furnish Delta-Boston 7 stand, 600V unless approved otherwise by our Engineers.

The latter was discussed with our Electrical Engineer on June 18, 1971 and Mr. W. Lucas was advised that "Vulkene Wire" was not acceptable and that "Delta-Boston" shall be used.

Seismic Requirements: Gaines Laboratory will perform Sesimic Tests

Next Visit

Next visit will include electrical inspection and ring out of circuits.