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ACCESSION NBR: 9004250156      DOC. DATE: 90/04/16      NOTARIZED: NO      DOCKET #  
 FACIL: 50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service      05000305  
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 EVERS, K.H.      Washington Public Power Supply System  
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SUBJECT: Provides proposes of listed changes for NRC approval re cost estimate to install addl communications circuitry.

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April 16, 1990

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

Docket 50-305  
Operating License DPR-43  
Kewaunee Nuclear Power Plant  
Cost Estimate to Install Additional  
Communications Circuitry

Reference: 1) Letter from C. E. Norelius (NRC) to W. M. Bartelme (WPSC) dated  
December 30, 1989

In reference 1 Wisconsin Public Service Corporation (WPSC) was requested to provide a cost estimate to install additional communications circuitry at the Kewaunee Nuclear Power Plant's Emergency Operations Facility (EOF). Permission was also requested to use WPSC equipment for contingency NRC telecommunications.

Additional discussions between NRC contractor, Mr. Royce Shearing (Boise, Idaho), and my staff have changed and simplified the requirements necessary in case of an abnormal occurrence. WPSC proposes the following changes, for your approval.

NRC Request

Agree to position in the vicinity of the junction of Nuclear Road and Townhall Road one 65 foot boom truck.

WPSC Response

WPSC proposes to make available for NRC use an existing microwave tower, elevation 630 feet above sea level (and existing equipment shelter) located southwest of Kewaunee Nuclear Power Plant reactor building. The tower is 230 feet in height and can provide a permanent platform for the NRC antenna at an elevation of approximately 850 feet above sea level. (This elevation

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exceeds that which could have been obtained with the use of the Hi-Ranger boom trucks.) Cables and connectors can be stored in the equipment shelter at the base of the tower. The antenna or mounting brackets to receive the antenna can be permanently mounted to the tower.

NRC Request

Agree to make available an additional boom truck (65 feet) to be utilized to establish the link with Green Bay and the EOF located in the WPS building.

WPSC Response

WPSC proposes to make available for NRC use an existing 340-foot tower located at our West Mark substation; latitude 44.20.34, longitude 87.53.48. The tower is 13.42 miles from our Green Bay office and 17.65 miles from the Kewaunee Nuclear Power Plant. The same arrangements for equipment can be made as above.

NRC Request

Install two pair of D.C. control wires from the NRC room of the EOF, located in conference room D2-4, to the roof of the WPS building. Both ends of the control pairs should be terminated with WE-742 connectors. The connectors would be protected from weathering if located outside. The connectors should be marked "NRC EMERGENCY USE ONLY", to ensure the availability of the control pairs in the event of a drill or emergency.

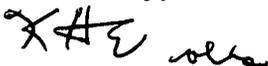
WPSC Response

We agree to the third request as it is stated. The wires between the EOF NRC office and our Main Office building currently exist. Mr. Shearing sent us the connectors for both ends of that wire.

WPSC requests the NRC's concurrence with these proposed changes along with the specifications of your antennas and the connections between the antennas and your emergency communications equipment. The cost estimate to perform the work proposed will be minimal, approximately two man days plus materials.

If you have any questions regarding the above, please feel free to contact Bill Sands at (414) 433-1424 or Bill Bartelme at (414) 433-1329.

Sincerely,



K. H. Evers  
Manager - Nuclear Power

JHM/jms

cc - Mr. Patrick Castleman, US NRC  
US NRC, Region III  
Mr. Charles E. Norelius, US NRC Region III