



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JUN 11 1984

Docket No.: STN 50-483

Mr. D. F. Schnell  
Vice President - Nuclear  
Union Electric Company  
P. O. Box 149  
St. Louis, Missouri 63166

Dear Mr. Schnell:

Subject: Human Factors Discrepancies for the Callaway Auxiliary  
Shutdown Panel

Reference: D. F. Schnell (UE) letter to Harold R. Denton (NRC),  
Subject: "Callaway Plant, Unit 1, Control Room Design  
Review," dated May 15, 1984

In the referenced letter, Union Electric (UE) provided its response to two human engineering findings made by the staff during its February 28 and 29, 1984, Detailed Control Room Design Review (DCRDR). The staff has reviewed this submittal and has made the following conclusions.

With respect to removing one conduit in the auxiliary shutdown panel (ASP) area, as opposed to two which was the original commitment, the staff has determined that the second conduit need not be removed. UE should, however, consider removal of the second conduit if further permanent modifications are to be made in the ASP area. The second human engineering finding discussed in the reference is the use of a moveable step stool to read the top row of meters on the ASP. The staff has reviewed the use of the stool as a permanent solution and has concluded that it is not acceptable. The detailed staff review of the above issues is given in the enclosed report.

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PDR ADOCK 05000483  
F PDR

Mr. D. F. Schnell

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Because the DCRDR will be a five-percent condition in the Callaway license, the UE response to the staff findings should be received by June 29, 1984. If you require any additional clarification of the enclosed report, please contact the Callaway Project Manager.

Sincerely,

ORIGINAL SIGNED BY:

B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Enclosure: As stated

cc: See next page

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OELD

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JHolonich:kab

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LB#1:DL *BJ*

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CALLAWAY

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