

Omaha Public Power District
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402/536-4000

October 23, 1986
LIC-86-515

Mr. D. E. Sells, NRC Project Manager
PWR Project Directorate #8
Division of PWR Licensing - B
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

- References:
1. Docket No. 50-285
 2. Letter OPPD (R. L. Andrews) to NRC (J. R. Miller), dated April 1, 1985 (LIC-85-135)
 3. Letter OPPD (R. L. Andrews) to NRC (A. C. Thadani), dated January 28, 1986 (LIC-86-025)
 4. Letter OPPD (R. L. Andrews) to NRC (A. C. Thadani), dated July 23, 1986 (LIC-86-306)

Dear Mr. Sells:

Detailed Control Room Design Review (DCRDR)
Labeling/Demarcation Study Status

The purpose of this letter is to provide the current status of the DCRDR project. The attachment to Reference 3 was a time line used to group all the remaining items of the DCRDR into one schedule. Reference 4 was a revision to that schedule, changing the completion date for the labeling, demarcation, color coding and meter banding study to September 30, 1986. The "study" phase was that time required to obtain the information necessary to complete the Human Factors Maintenance Plan. This also corresponded to OPPD's contractor involvement which was completed on September 30, 1986. Thus, we consider the "study" completion date as being met. The pre-implementation stage will now follow, with a planned completion date of February 1987. Modifications associated with DCRDR implementation will follow.

Attached is a summary status of the elements of the labeling/demarcation study, as defined in Reference 2. Please note that the "Study" phase in the Reference 3 time line was revised in Reference 4 from June, 1986 to September 30, 1986. The Pre-implementation phase completion date remained as February 1987 in both documents.

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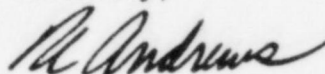
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Elements completed by our contractor were those elements necessary to complete the Human Factors Maintenance Plan (HFMP). The HFMP is on schedule and should be completed by November 15, 1986.

OPPD is evaluating the impact of control room design review on the proposed simulator. OPPD's resources can best be utilized by manufacturing new labels and mimics at the same time they are fabricated for the simulator. The tentative schedule for control room implementation, as shown in Reference 3, is also under evaluation and could change as a result of this Design Review.

Our schedule remains to issue the final DCRDR Report in February 1987. If you should have any questions concerning the labeling, demarcation, color coding or meter banding studies, please do not hesitate to call.

Sincerely,



R. L. Andrews
Division Manager
Nuclear Production

RLA/me

cc: LeBoeuf, Lamb, Leiby & MacRae
1333 New Hampshire Ave., N.W.
Washington, DC 20036

Mr. P. H. Harrell, NRC Senior Resident Inspector

ATTACHMENT

Detailed Control Room Design Review
Summary Status
October 1986

LABELING

<u>ITEM</u>	<u>STATUS</u>
1. Existing labels entered into DBMs	Completed by OPPD
2. Standard abbreviations developed	Completed by Contractor
3. Standard acronyms developed	Completed by Contractor
4. Functional descriptions added	Completed by Contractor
5. Hierarchical labeling developed	Completed by Contractor
6. NUREG-0700 Guidelines applied	Completed by Contractor
7. Paper labels implemented on mock-up	Not yet completed by OPPD

DEMARCATIION

<u>ITEM</u>	<u>STATUS</u>
1. Listing of plant systems	Completed by OPPD
2. Outlining (demarcation) done on mock-up	Not yet completed by OPPD
3. Color padding assigned	Completed by Contractor
4. Outlined areas globally labeled	Not yet completed by OPPD

METER BANDING

<u>ITEM</u>	<u>STATUS</u>
1. Review existing meters for: a) Normal operating range b) Range constant across plant modes	Not yet completed by OPPD Not yet completed by OPPD
2. Determine type and placement of bands	Completed by Contractor

COLOR CODING

<u>ITEM</u>	<u>STATUS</u>
1. Address colors used in C.R. for consistency	Completed by Contractor