

## ENCLOSURE

### SAFETY EVALUATION

#### CALLAWAY PLANT, UNIT 1

DOCKET NO.: STN 50-483

#### POSITION

Section 5, "Detailed Control Room Design Review," of Supplement 1 to NUREG-0737 (Reference 1), requires licensees to conduct a function and task analysis to identify operator tasks, and information and control needs. These needs are then to be compared with the existing control room inventory to determine the availability and suitability of the instrumentation and controls to satisfy the information and control needs. Should discrepancies be identified, they are to be assessed for safety significance, corrective actions proposed, or no action justified, and an implementation schedule provided.

#### DISCUSSION

The conclusions in SSER No. 4 (Reference 2) indicated that the function and task analysis conducted by SNUPPS to satisfy the requirements of the Detailed Control Room Design Review (DCRDR) was incomplete. As a result, license condition 2.C.(7)(a) was imposed on the full power license to assure that the function and task analysis, and subsequent actions based on the results of that analysis, would be accomplished and reported to the NRC.

Letters dated October 10, 1984 and April 1, 1985 (References 3 and 4) provided descriptions of the procedure SNUPPS would use to perform the task analysis. By letter dated April 26, 1985 (Reference 5), the Final Report for the Task Analysis for the SNUPPS DCRDR was submitted for staff review. Following a technical discussion by telephone on May 15, 1985, additional information was provided in a letter dated May 24, 1985 (Reference 6). Resolutions to several of the findings are procedural in nature and will be resolved as part of the Procedures Generation Package (PGP) review.

#### CONCLUSION

The staff concludes that the Union Electric Company, through the Standard Nuclear Unit Power Plant System, has conducted a DCRDR and has provided an implementation schedule for control room human factors improvements for the Callaway Plant, Unit 1 that will accomplish the basic requirements established by the Commission in Supplement 1 to NUREG-0737. Condition 2.C.(7)(a) of the full power license is satisfied with respect to the DCRDR but the task analysis results are still under review as they relate to the upgrade of emergency operating procedures.

REFERENCES

1. NUREG-0737, Supplement No. 1, "Requirements for Emergency Response Capability," U. S. NRC, Washington, D. C., December 1982.
2. NUREG-0830, Supplement No. 4 "Safety Evaluation Report Related to the Operation of Callaway Plant, Unit No. 1," October 1984.
3. Letter SLNRC 84-121 from N. A. Petrick, SNUPPS, to H. R. Denton, NRC, October 10, 1984, Task Analysis for SNUPPS DCRDR, (Procedure for Task Analysis).
4. Letter SLNRC 85-11 from N. A. Petrick, SNUPPS, to H. R. Denton, NRC, April 1, 1985, Task Analysis for SNUPPS DCRDR, (Revised Procedure for Task Analysis).
5. Letter SLNRC 85-12 from N. A. Petrick, SNUPPS, to H. R. Denton, NRC, April 26, 1985, Task Analysis for SNUPPS DCRDR, (Final Report of Task Analysis).
6. Letter SLNRC 85-16 from N. A. Petrick, SNUPPS, to H. R. Denton, NRC, May 24, 1985, Task Analysis for SNUPPS DCRDR, (Clarification of HED Responses and Implementation Schedule).