



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379-2000

Robert A. Fenech
Vice President, Sequoyah Nuclear Plant

February 4, 1993

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

Gentlemen:

In the Matter of)	Docket Nos. 50-327
Tennessee Valley Authority)	50-328

SEQUOYAH NUCLEAR PLANT (SQN) - DETAILED CONTROL ROOM DESIGN REVIEW
(DCRDR) IMPLEMENTATION STATUS REPORT (TAC NO. 51203/51204)

References: 1. TVA letter to NRC dated May 7, 1992
2. TVA letter to NRC dated November 26, 1986, "Sequoyah
Nuclear Plant - Detailed Control Room Design Review"

The purpose of this letter is to inform NRC of the DCRDR implementation status and results of the Category 3 human engineering deficiencies (HEDs) evaluation for the SQN DCRDR effort. Implementation status reporting was committed to by Reference 1.

There are 272 Category 3 (nonsafety significant) HEDs identified in Reference 2. Two additional Category 3 HEDs have been added because of Category 2 downgrades, as documented in Reference 1. The following is a breakdown of the resolution of these items:

- 124 resolutions complete and implemented
- 14 implementation planned for Cycle 6 refueling outages
- 29 required no corrective action (Reference 2)
- 107 require no corrective action (current evaluation)

The current evaluation decisions were based on operating experience and plant changes made since the original HED evaluations. The resolution of these 107 Category 3 (nonsafety significant) HEDs is no longer cost effective and will not be implemented. The HEDs affected by this decision are listed in the enclosure.

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U.S. Nuclear Regulatory Commission

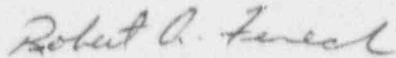
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TVA has resolved the safety significant (Category 1 and 2) DCRDR HEDs. TVA will resolve more than one half of the non-safety significant (Category 3) HEDs originally identified by the DCRDR effort by the end of the Cycle 6 refueling outages. When implemented, these actions, along with the Category 3 HED cancellations documented in this letter and Reference 2, will complete the DCRDR effort for SQN.

Please direct questions concerning this issue to K. C. Weller at (615) 843-7527.

Sincerely,



Robert A. Fenech

Enclosure

cc (Enclosure):

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ENCLOSURE

NONSAFETY SIGNIFICANT CATEGORY 3
HUMAN ENGINEERING DEFICIENCIES (HED) BEING CANCELLED

<u>HED No.</u>	<u>HED No.</u>	<u>HED No.</u>
0207	5147	8195
0214	5149	8196
0225	6005	8220
0227	6021	8221
0231	6027	8224
0238	7002	8234
0250	7006	8236
0286	7007	8240
0291	7009	8252
0299	7019	8260
0305	7021	9028
0310	7026	
0321	7033	
0333	7035	
0354	7050	
0371	7060	
0378	7061	
1027	7068	
1028	7072	
1034	7078	
1095	7079	
2005	7080	
2007	7082	
2012	7083	
2016	7084	
2025	7085	
2028	7086	
2033	7089	
3014	7093	
3074	7095	
3083	7097	
3239	7101	
3241	7136	
4020	7137	
4031	8002	
4056	8004	
5005	8015	
5009	8027	
5023	8039	
5031	8050	
5032	8063	
5037	8077	
5075	8081	
5083	8090	
5117	8163	
5126	8167	
5138	8169	
5141	8170	