

TOPICAL REPORT EVALUATION

Report Number: TVA-TR75-1A, Revision 4, Nonproprietary
Report Title: Quality Assurance Program Description
Report Date: August 11, 1977 Revised August 1980
Originating Organization: Tennessee Valley Authority
Reviewed by: Quality Assurance Branch

SUMMARY OF TOPICAL

Topical Report TVA-TR75-1A, Revision 4, describes the quality assurance program which the Tennessee Valley Authority applies to those design, procurement, construction, preoperational testing, and operations phase activities involving safety-related structures, systems, and components of nuclear power plants within the Tennessee Valley Authority scope of work. TVA-TR75-1A, Revision 4, commits the Tennessee Valley Authority to comply with the requirements of Appendix B to 10 CFR Part 50. It also commits the Tennessee Valley Authority to follow the NRC Regulatory Guides and ANSI standards listed below or has provided alternatives which the staff has found acceptable.

		<u>Design & Construction</u>	<u>Operation</u>
Regulatory Guide	1.8	NA	9/75
"	" 1.28	6/72	3/78
"	" 1.30	8/72	8/72
"	" 1.33	NA	2/78
"	" 1.37	3/73	3/73
"	" 1.38	10/76	5/77
"	" 1.39	10/76	9/77
"	" 1.58	8/73	8/73
"	" 1.64	5/76	6/76
"	" 1.74	2/74	2/74
"	" 1.88	10/76	10/76
"	" 1.94	4/76	4/76
"	" 1.116	6/76	6/76
"	" 1.123	10/76	7/77
ANSI N45.2.12 (D3, R4)		2/74	2/74

The Tennessee Valley Authority has provided for our evaluation a detailed organizational description of those individuals and groups involved in carrying out activities required by the quality assurance program and a delineation of duties, responsibilities, and authority of those organizational elements involved in the quality assurance program. Revision 4 of TVA-TR75-1A contains a description of the measures used to carry out the Tennessee Valley Authority quality assurance program activities and describes how applicable requirements of Appendix B to 10 CFR Part 50 will be satisfied by the administration and implementation of these measures.

SUMMARY OF REGULATORY EVALUATION AND POSITION

We have evaluated the quality assurance program and the organizations responsible for quality assurance functions described in Revision 4 of TVA-TR75-1A. We find that quality assurance policy and direction originate at an acceptably high management level and are effectively communicated to other parts of the organization. Those performing quality assurance functions have responsibility and authority commensurate with their duties in implementing the program. We also find that measures have been established to be implemented by written procedures and instructions, which address each of the criteria of Appendix B to 10 CFR Part 50 in an acceptable manner.

Based on our review and evaluation of TVA-TR75-1A, Revision 4, we conclude that:

1. The organizations and persons performing quality assurance functions within the Tennessee Valley Authority have the required independence and authority to effectively carry out the quality assurance program without undue influence from those directly responsible for costs and schedules.
2. The Tennessee Valley Authority quality assurance program contains requirements and controls which, when properly implemented, comply with the requirements of Appendix B to 10 CFR Part 50.
3. The Tennessee Valley Authority Topical Report TVA-TR75-1A, Revision 4, "Quality Assurance Program Description," is acceptable for use in the design, procurement, construction, preoperational testing, and operations phase activities of TVA's nuclear power plants.