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Alabama Power  
*the southern electric system*

July 26, 1984

Docket Nos. 50-348  
50-364

Director, Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. S. A. Varga

Joseph M. Farley Nuclear Plant - Units 1 and 2  
Replacement and Requalification Training Program  
(Generic Letter 84-14)

Gentlemen:

On May 11, 1984 the NRC forwarded Generic Letter 84-14, "Replacement and Requalification Training Program," to Alabama Power Company (APCo). In this letter, the NRC requested plant-specific information regarding the replacement and requalification training program in order to ensure that operator candidates have completed the necessary qualifications and training prior to examination and that requalification program audits are based on the training program as implemented. The NRC staff requested during a telephone conversation an outline and description of the Farley simulator as utilized in the training and requalification program. Attached is a list of NRC requests followed by Alabama Power Company's responses.

Yours truly,

R. P. McDonald

RPM/BHW:grs-D29

Attachment

cc: Mr. L. B. Long  
Mr. J. P. O'Reilly  
Mr. E. A. Reeves  
Mr. W. H. Bradford

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## Attachment

### NRC Request

The next annual update to the FSAR (Revision 3) should either include the current replacement and requalification program or provide an explicit reference, including date, to the submittal which is the program of record.

### APCo Response

The current FSAR-Revision 2, Sections 13.2.1.1 and 13.2.3 describe the replacement operator training program in sufficient detail with the exception of simulator training. However, Section 13.2.5 endorses ANSI N18.1-1971 which addresses the use of simulators in operating training programs. Revision 3 of the FSAR (scheduled for submittal July 1, 1985) will include a more explicit description of the simulator portion of the replacement operator training program.

Section 13.2.2 of FSAR-Revision 2 adequately describes the requalification program for licensed personnel including the use of a simulator.

### NRC Request

When plant-specific simulators are available, revisions should be made to the replacement and requalification training programs to reflect their use.

### APCo Response

FSAR-Revision 3 will include the use of simulator training in the replacement training program.

### NRC Request

Provide an outline and description of the Farley simulator as utilized in the replacement and requalification training program.

### APCo Response

#### Replacement Program:

The current simulator portion of the replacement operator training program is a six week (240 hours) program, which includes 120 hours of classroom review of reactor theory, thermodynamics, plant systems, procedures, technical specifications, mitigating core damage, accident identification and transient operation. The 120 hours of simulator training includes reactor start-ups and shutdowns, control room operations including systems start-up and alignment, operation under abnormal conditions, practical experience in recognizing, analyzing and responding to plant casualties and transients including multiple malfunctions, use of plant procedures and technical specifications. Senior reactor operator candidates also are required to use and implement applicable portions of the emergency plan.

It is the judgement of Alabama Power Company that the Farley simulator training program is equivalent to an approved NRC simulator training program for both hot and cold license candidates.

All operator and senior operator candidates must satisfactorily complete a reactor start-up certification during the simulator portion of the replacement operator training program.

#### Requalification Program:

Section 13.2.2.3 of the FSAR provides an outline and description of the simulator portion of the requalification program.

### NRC Request

Proposed changes to training programs should be addressed to the Director-Division of Licensing, clearly identified and include the appropriate fees.

### APCo Response

Appropriate changes to the Farley replacement and requalification training program will be incorporated into the annual update of the FSAR. These changes will be clearly identified by a change mark. Fees will be included with change submittals to the training program only if the scope, time allotted for the program or frequency in conducting different parts of the program is decreased as specified in 10CFR50.54 (i-1). Changes which do not decrease the training program as specified in 10CFR50.54 (i-1) will be changed in accordance with 10CFR50.59.