

**Mailing Address**

Alabama Power Company  
600 North 18th Street  
Post Office Box 2641  
Birmingham, Alabama 35291  
Telephone 205 783-6081

**F. L. Clayton, Jr.**  
Senior Vice President  
Flintridge Building



**Alabama Power**

*the southern electric system*

January 13, 1983

Docket Nos. 50-348  
50-364

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

Attention: Mr. S. A. Varga

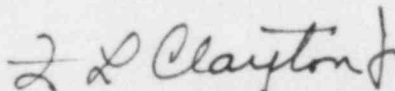
Joseph M. Farley Nuclear Plant - Units 1 & 2  
Licensing Items Requiring NRC Approval in 1983

Gentlemen:

Attached is a revision of the list of identified licensing items for NRC review and approval in 1983. The dates in our January 4, 1983 letter for Item 10 were incorrect and should be revised as indicated in the attached listing. Receipt of NRC action by this corrected schedule is needed in order to avoid potentially adverse affects on plant operation.

If there are any questions, please contact us.

Yours very truly,

  
F. L. Clayton, Jr.

FLCJr/RLG:1sh-D34

Attachment

cc: Mr. R. A. Thomas  
Mr. G. F. Trowbridge  
Mr. G. P. O'Reilly  
Mr. E. A. Reeves  
Mr. W. H. Bradford

8301250201 830113  
PDR ADOCK 05000348  
P PDR

4001

## ATTACHMENT

## LICENSING ITEMS REQUIRING NRC APPROVAL IN 1983

Item	Actual*/ Proposed APCo Submittal Date	Requested NRC Approval Date	Comments
1. Movable Control Rod Assemblies for FNP 1 and 2 (T.S. 3/4.1.3)	02-22-83	09-01-83	Removes the six hour requirement to obtain Hot Standby for non-trip conditions.
2. Charcoal Filters for FNP 1 and 2 (T.S. 4.7.7, 4.7.8 and 4.9.14)	03-01-83	09-01-83	Clarifies the testing procedures used for charcoal filters by specifying efficiencies to be used when testing and corrects administrative errors.
3. River Water System for FNP 1 and 2 (T.S. 3/4.7.5)	12-30-82*	07-01-83	Deletes the river water system from the technical specifications. Same letter as Item 4.
4. Diesel Generator Overload Test for FNP 1 and 2 (T.S. 4.8.1.1.2.c.5)	08-03-82* (original submittal) 12-30-82* (sub- sequent submittal)	07-01-83	Reduces the surveillance load test requirements to prevent potential diesel damage from current testing requirements. Same letter as Item 3.
5. BIT Reduction for FNP 1 and 2 (T.S. 3/4.3.4)	12-30-82*	03-31-83	Reduces boron concentration in the boron injection tank to zero ppm. Required due date to prevent unnecessary batching of the tank which could delay scheduled restart of the unit.
6. Turbine Valve Surveillance for FNP 2 (T.S. 3/4.3.4)	10-08-82*	12-01-82	Deleted requirement of turbine overspeed protection testing. Required due date to preclude power reduction to conduct tests.

## ATTACHMENT

## LICENSING ITEMS REQUIRING NRC APPROVAL IN 1983

Item	Actual*/Proposed APCo Submittal Date	Requested NRC Approval Date	Comments
7. RCS Pressure Isolation Valves for FNP 1 and 2 (T.S. 3/4.4.7.2 and 3/4.4.7.3)	08-10-82*(Original submittal) - 12-23-82*(Additional submittal)	09-21-82 (Original request) 07-01-83	Incorporates Unit 1 criteria for leak testing of reactor coolant system isolation valves into Unit 2 specifications. Deletes paragraph 4.4.7.3.2 for Units 1 and 2.
8. Mechanical Snubber Functional Test Exemption for FNP 1 (T.S. 4.7.9.e)	11-05-82*	12-01-82	Requests mechanical snubber quantitative functional testing requirement be changed from fourth refueling outage until the fifth refueling outage due to unavailability of required testing equipment. Lack of change would delay scheduled restart of the unit. The fourth refueling outage is scheduled to begin January 14, 1983.
9. Waste Gas Hydrogen/Oxygen Analyzers for FNP 1 and 2 (T.S. Table 4.3-9)	06-01-83	12-01-83	Requests the requirement of quarterly channel calibrations and monthly functional tests for the waste gas system be changed to annually.
10. ISI/IST Licensing Program			
a. Unit 1 Inservice Inspection (ISI) Program for ASME Code Class 1, 2 and 3 Components			
1. Relief Requests on vessel cladding exam- inations.	04-17-81* Supplemented 01-10-83*	09-01-83	Compliance with this requirement precipitates violation of ALARA commitments.
2. Relief Requests on hydrostatic test requirements.	01-18-83	09-01-83	It is not possible to conduct these tests at Code required temperatures.

## ATTACHMENT

## LICENSING ITEMS REQUIRING NRC APPROVAL IN 1983

Item	Actual*/Proposed APCo Submittal Date	Requested NRC Approval Date	Comments
b. Unit 2 Inservice Inspection (ISI) Program for ASME Code Class 1, 2 and 3 Components			
1. Revision 0 Relief Requests	07-25-80*	09-01-83	Certain Code requirements are impractical.
2. Relief Requests on vessel cladding examinations.	01-10-83*	09-01-83	Compliance with this requirement precipitates violation of ALARA commitments.
3. Relief Requests on hydrostatic test requirements.	01-18-83	09-01-83	It is not possible to conduct these tests at Code required temperatures.
c. Unit 1 Inservice Testing (IST) Program for ASME Code Class 1, 2 and 3 Components			
1. Revision 2 Relief Requests	04-21-80*	03-15-83	TDAFWP Valve operability cannot be directly observed.
2. Revision 3 Relief Requests	07-16-81*	03-15-83	This Code requirement is a Technical Specification violation.
3. Revision 4 Relief Requests	10-25-82*	03-15-83	Numerous valves requiring quarterly stroke tests potentially compromise plant safety. <u>NOTE:</u> These valves require testing by approximately 03-30-83.
d. Unit 2 Inservice Testing (IST) Program for ASME Code Class 1, 2 and 3 components.			
1. Revision 0 Relief Requests	03-12-80*	02-15-83	Some of these pumps and valves cannot be tested per Code requirements due to:  1. Potential compromise of plant safety 2. Design Restriction
2. Revision 1 Relief Requests	03-17-82*	02-15-83	Certain valves cannot be tested per Code requirements due to:  1. Potential compromise of plant safety 2. Design Restriction

## ATTACHMENT

## LICENSING ITEMS REQUIRING NRC APPROVAL IN 1983

Item	Actual*/Proposed APCo Submittal Date	Requested NRC Approval Date	Comments
3. Revision 2 Relief Requests	08-06-82*	02-15-83	Numerous valves requiring quarterly stroke tests could potentially compromise plant safety. Note: These valves require testing by approximately 03-01-83.
11. Spent Fuel Pool Storage Additions for FNP 1	03-19-82*	11-01-82	Increases storage capacity of spent fuel from 675 to 1407 locations.
12. Change 18 Month Interval to Refueling	04-01-83	10-01-83	Change is necessary to make surveillance intervals consistent with new 18 month fuel cycle outage schedule as opposed to arbitrary time interval.
13. Meteorological Tower Surveillance for FNP 1 and 2 (T.S. 3.38 and 4.35)	02-01-83	08-01-83	Adds backup tower in response to NUREG-0737 III A.2.2. to preclude report issuance on failure of primary tower instruments.
14. In-Core Thimbles for FNP 1 and 2 (T.S. 3.3.3.2)	See Comments	See Comments	APCo will advise the NRC by 03-01-83 of action to be taken.
15. Safety Evaluations for Next Fuel Reloads :			
a. Unit 1 Upflow Modification	08-16-82*	N/A	Advise NRC of Unit 1 reactor vessel internal modifications.
b. Unit 1 Cycle 5	03-14-83	N/A	Advise NRC of Unit 1 Cycle 5 core design status.
c. Unit 2 Cycle 3 18 Month Fuel Cycle	09-01-83	N/A	Advise NRC of Unit 2 Cycle 3 core design status.

## ATTACHMENT

## LICENSING ITEMS REQUIRING NRC APPROVAL IN 1983

Item	Actual*/Proposed APCo Submittal Date	Requested NRC Approval Date	Comments
16. $\Delta H$ and Positive Moderator Temperature Coefficient	See Comments	See Comments	APCo will advise the NRC by 03-01-83 of action to be taken.
17. Containment Spray	04-01-83	10-01-83	Incorporates 5% pump head margin to allow for potential pump degradation.
18. Technical Specification Optimization Westinghouse Owners Group	-----	-----	Generic review to begin in 1983.
19. Safety Related Battery Changes	04-15-83	10-15-83	Reflects accepted industry and vendor practices.
20. Rod Swap Test During Low Power Physics Testing	See Comments	See Comments	Approval of this generic issue (WCAP 9863/9864) by the NRC is anticipated by February 25, 1983. Provided generic approval is granted, APCo will utilize the rod swap technique for the Unit 1, Cycle 5 reload and inform the NRC as part of the previously scheduled 50.59 submittal. If generic approval is delayed beyond February 25, 1983, APCo will, by March 1, 1983, request interim approval by April 1, 1983 for Unit 1 Cycle 5 only.
21. Rod Drop Timing Test During Low Power Physics Testing	See Comments	See Comments	APCo will advise the NRC by 03-01-83 of action to be taken.



## ATTACHMENT

## LICENSING ISSUES REQUIRING NRC APPROVAL IN 1983

Item	Actual/Proposed APCo Submittal Date	Required NRC Approval Date	Comments
22. Auto Rod Control Above 90 % Power for Unit 2, Cycle 2 and Unit 1, Cycle 5	03-01-83	N/A	Advise NRC of application for new proposed rod drop methodology to Farley. New methodology will be included in Unit 1, Cycle 5 reload analysis and has been included in Unit 2 Cycle 2 reload analysis. This date is dependent upon NRC approval of the Westinghouse report in January 1983.
23. Unit 2 Licensing Deletion Amendment Clarification Letter	01-12-83	N/A	Close out license conditions discussed in APCo's 10-19-82 letter.
24. FSAR Update	07-01-83	N/A	Provide NRC with required annual update of the Farley FSAR.

## ATTACHMENT

## LICENSING ITEMS REQUIRING NRC APPROVAL IN 1983

Item	Actual*/Proposed APCo Submittal Date	Requested NRC Approval Date	Comments
25. Administrative Changes			
a. Accumulator and ECCS Subsystem for FNP 1 and 2 (T.S. 4.5.1.1.(c) and 4.5.2.(a))	02-01-83	09-01-83	Changes "breaker" to disconnect device for clarification purposes.
b. Generic Letter 82-17 on Audit of Emergency Plan for FNP 1 and 2 (T.S. 6.5.2.8.e)	10-25-82*	09-01-83	Requires FNP technical specification change to incorporate an audit of emergency preparedness program every 12 months vice every 24 months.
c. Mechanical and Hydraulic Snubber Lists for FNP 1 and Hydraulic Snubber List for FNP 2 (T.S. Table 3.7-4b)	06-01-83	09-01-83	Modify the present list of safety related snubbers to reflect actual assumptions made in seismic safety-related analyses.
d. Administrative Changes for FNP 1 and 2: 1) Fire Detectors Table 3.3-12 2) RHR Isolation 4.5.2.d.1 3) River Water Surv 3/4.7.5 4) Yard Fire Hydrant Table 3.7-7 5) Service Water Battery 4.8.2.5.2(d) 6) Organization Chart Figure 6.2-2	03-01-83	09-01-83	Reflects actual plant design and other administrative changes. Item 5 change will preclude simultaneous shutdown of both units to perform service water battery test.



LICENSING ITEMS REQUIRING NRC APPROVAL IN 1983

Item	Actual*/Proposed APCo Submittal Date	Requested NRC Approval Date	Comments
25. Administrative Changes (continued)			
e. Unit 2 Pressure Sensor Table (T.S. 3.3.3.7)	03-01-83	09-01-83	Reflects actual plant design.
f. Unit 1 Refueling Outage Change: Containment Vent	03-01-83	09-01-83	Reflects new plant design.
g. Turbine Building Hydraulic Snubbers for FNP 2	12-10-82*	09-01-83	Reflects actual plant design by deleting non safety-related snubbers.
h. Incorporation of Licensing Requirements for FNP 2	11-24-82*	09-01-83	
1) FNP 2 License Condition 2.C.(17) - Containment Vent Line			Replaces the 18 inch mini-purge valves with the new 8 inch vents.
2) Mechanical Snubber List for FNP 2 (T.S. Table 3.7-4b)			Adds the list of safety related mechanical snubbers.
3) FNP 2 License Condition 2.C.(19)(b) - Containment Overcurrent Protection			Adds the list of Containment Overcurrent Protection devices.
i. Organization Change to Offsite Management for FNP 1 and 2	11-16-82*	09-01-83	Changes the corporate organization for the Nuclear Generation Department.