

NOV 9 1973

Docket No. 50-261

Carolina Power & Light Company  
ATTN: Mr. E. E. Utley,  
Vice President-Bulk Power  
Supply  
336 Fayetteville Street  
Raleigh, North Carolina 27602

Dear Mr. Utley:

By letter dated September 19, 1973, in accordance with the requirements of 10 CFR Part 50, you submitted a proposal for our approval for the requalification program for the licensed operators and senior operators at the H. B. Robinson Nuclear Power Generating Station. We have reviewed your proposed program and we conclude that the additional information identified in Attachment A is required before we can act on your proposal.

Sincerely,

ORIGINAL SIGNED BY  
P. F. COLLINS

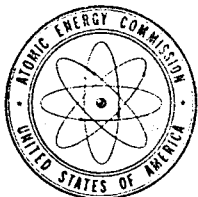
Paul F. Collins, Chief  
Operator Licensing Branch  
Directorate of Licensing

Enclosure:  
Attachment A-Request for  
Additional Information

cc: w/enclosure  
G. F. Trowbridge, Esquire  
Shaw, Pittman, Potts,  
Trowbridge & Madden  
910 17th Street, N. W.  
Washington, D. C. 20006

DISTRIBUTION:  
PDR  
Local PDR  
Docket File  
RP R/F  
OLB R/F  
JRBuchanan  
DJSkovholt  
TJCarter  
RWWoodruff  
JJHolman  
SATEets  
RJSchemel  
ACRS (16)  
RO (3)  
OGC

OFFICE ▶	OLB:L	L:PM	OLB:L	ADOR:R		
SURNAME ▶	JJHolman:dlf	RWWoodruff	PFCollins	DJSkovholt		
DATE ▶	11/8/73	11/8/73	11/8/73	11/8/73		



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

*Docket file*

NOV 9 1973

Docket No. 50-261

Carolina Power & Light Company  
ATTN: Mr. E. E. Utley,  
Vice President-Bulk Power  
Supply  
336 Fayetteville Street  
Raleigh, North Carolina 27602

Dear Mr. Utley:

By letter dated September 19, 1973, in accordance with the requirements of 10 CFR Part 50, you submitted a proposal for our approval for the requalification program for the licensed operators and senior operators at the H. B. Robinson Nuclear Power Generating Station. We have reviewed your proposed program and we conclude that the additional information identified in Attachment A is required before we can act on your proposal.

Sincerely,

A handwritten signature in cursive script, reading "Paul F. Collins", is positioned above the typed name.

Paul F. Collins, Chief  
Operator Licensing Branch  
Directorate of Licensing

Enclosure:  
Attachment A-Request for  
Additional Information

cc: w/enclosure  
G. F. Trowbridge, Esquire  
Shaw, Pittman, Potts,  
Trowbridge & Madden  
910 17th Street, N. W.  
Washington, D. C. 20006

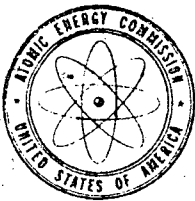
ATTACHMENT A

Request For Additional Information  
CAROLINA POWER & LIGHT COMPANY  
Docket No. 50-261

1. Provide the frequency with which lectures will be given, or other information, that will allow us to make the determination that they will be presented on a regular and continuing basis.
2. Provide the specific criterion that will be used to determine if lecture attendance is required pursuant to Section 2 of Appendix A of 10 CFR Part 55. We believe a category grade of less than 85% on an AEC-type comprehensive examination should require an individual's attendance at a lecture on that topic.
3. Provide the specific criterion that will be used to judge an operator clearly deficient, at which point he will be removed from regular duties and placed in an accelerated requalification program pursuant to Section 4e of Appendix A of 10 CFR Part 55. We believe an overall grade of less than 70% on an AEC-type comprehensive examination should require an operator's enrollment in an accelerated requalification program.
4. Following an operator's participation in an accelerated program what method will be used by management to determine that he may resume licensed duties?
5. Indicate whether it is the intention of CP&L to administer topical examinations throughout the lecture series and, if so, the passing grade below which attendance in that lecture will be repeated. We believe the criterion in Item 2 should apply.
6. Provide additional information on the degree of responsibility that will be assumed by staff personnel during their assignment to four hours watch standing in the control room per month. For example, we believe a staff member with a senior operator license should assume the responsibility of the shift supervisor during those four hours.
7. Is it the intention of CP&L to require a combination of reactivity manipulations to meet the required ten manipulations in two years, or would CP&L expect credit for a single method of reactivity control performed ten times; for example, ten operations of the manipulator crane during refueling? We believe a combination of

manipulations more closely meets the intent of the regulation. Further, a startup should be to the point of adding heat, a shutdown should be a plant shutdown, operation of the EHC during startup should be in manual and any power changes in manual rod control should be greater than ten percent.

8. Periodically an instructor from the CP&L Training Center will conduct oral examinations of 1 or 2 licensed operators. Is it the intention of CP&L that each licensed operator will be given an oral examination at least once during each two-year licensed interval?
9. In your proposed requalification program does the use of the term "licensed operator" mean licensed reactor operator and licensed senior reactor operator?
10. What person, on site, by title, will have overall responsibility for the functioning of the requalification program?
11. In the case of a licensee who has not been actively performing the function of an operator or senior operator for a period of four months or longer, what method will be used to ensure that his knowledge and understanding of facility operation and administration are satisfactory prior to his resuming licensed activities?



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

Docket File

Docket No. 50-261

OCT 10 1973

Carolina Power & Light Company  
ATTN: J. A. Jones  
Senior Vice President  
336 Fayetteville Street  
Raleigh, North Carolina 27602

Gentlemen:

The Regulatory staff has had the subject of anticipated transients without scram (ATWS) in water-cooled reactor power plants under study for some time.

The staff has completed its review of ATWS and has concluded that measures should be taken to improve nuclear plant designs in this regard. Details of the staff review and conclusions and of the steps that should be taken to deal with ATWS are given in the staff document "Technical Report on Anticipated Transients Without Scram for Water-Cooled Power Reactors", September 1973, a copy of which is enclosed for your information. The improvement measures acceptable to the staff are outlined in the staff position on ATWS; Appendix A, of the enclosed report, in descending order of preference; that is, Section II-A of the staff position describes the ultimate objective. For those facilities for which the imposition of the requirements of Section II-A is not practical, the staff will accept the alternate approaches of Sections II-B and C subject to the limitations specified in the staff position. The rationale and bases for this approach are given in the enclosed report.

Acceptable measures that should be taken for the subject facility(s) are either those in Section II-A or II-C of the staff position. If there is reasonable assurance that the provisions of Section II-A can be met satisfactorily on a reasonable schedule (less than 3 years) for the subject facility(s), you need not analyze the consequences of ATWS. You must, however, provide sufficient analyses and discussion

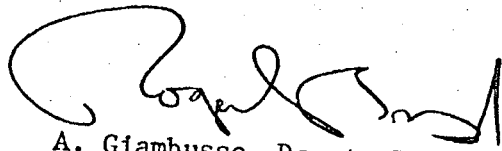
RA

OCT 19 1973

to justify your position and a commitment that you will meet the provisions of Section II-A or revert to the provisions of Section II-C if required by the staff. You should advise the staff by no later than January 1, 1974, of the approach you intend to take and submit a detailed report addressing fully either Sections II-A or II-C of the staff position by October 1, 1974, as an amendment to the Safety Analysis Report. Your response should be submitted as one original and thirty-nine additional copies.

The staff is prepared to discuss this matter with you at a mutually agreeable time.

Sincerely,



A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing

Enclosure;  
Technical Report on Anticipated  
Transients Without Scram for  
Water-Cooled Power Reactors

cc w/enclosure:  
G. F. Trowbridge, Esquire  
Shaw, Pittman, Potts, Trowbridge & Madden  
910- 17th Street, N. W.  
Washington, D. C. 20006

Hartsville Memorial Library  
Home and Fifth Avenues  
Hartsville, South Carolina 29550