

May 24, 2001

Mr. Dale E. Young, Vice President  
Crystal River Nuclear Plant (NA1B)  
ATTN: Supervisor, Licensing and Regulatory Programs  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

SUBJECT: CRYSTAL RIVER UNIT 3 - REQUEST FOR ADDITIONAL INFORMATION  
RE: PROPOSED LICENSE AMENDMENT REQUEST NO. 259, REVISION 0,  
CONTROL COMPLEX COOLING SYSTEM (TAC NO. MB1617)

Dear Mr. Young:

By letter dated March 28, 2001 (3F0301-01), you submitted an amendment application to revise the Crystal River Unit 3 (CR-3) Improved Technical Specification 3.7.18, "Control Complex Cooling System" to allow a one-time increase in the Completion Time for restoring an inoperable Control Complex Cooling System train from 7 days to 35 days. The staff is currently reviewing your request, and the reviewers have determined that additional information is needed. The specific requests are listed below.

1. Describe the analysis performed to obtain the change in core damage frequency presented in the amendment request, and discuss the model of control complex cooling failure probability and the estimated change in value: include initiating events considered, assumptions, how compensatory measures were incorporated into the analysis, and the potential introduction of new common cause failures. The change in core damage frequency and the conditional core damage probability presented on pages A-3 and A-4 are inconsistent and appear to be incorrect. Please clarify.
2. Describe the most significantly affected event sequences that are impacted by the degradation in control complex cooling during chiller refurbishment (i.e., the primary contributors to the estimated change in core damage frequency).
3. Describe the actions to be taken by operators if the operating train of the control complex cooling system should fail during chiller refurbishment. State how compensatory measures will be implemented, the replacement capacity of those measures (i.e., the percent of required heat removal they represent), and the action times involved in their implementation.
4. State whether preventive maintenance will be done on the control complex cooling system prior to taking the first train out of service.

D. E. Young

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For the staff to complete its review schedule, your response is appreciated prior to July 16, 2001. This date was mutually agreed on in a telephone conversation with CR-3 personnel on May 21, 2001. If circumstances result in the need to revise the target date, please call me at the earliest opportunity.

Sincerely,

***/RA/***

John M. Goshen, Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-302

cc: See next page

D. E. Young

-2-

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Sincerely,

**/RA/**

John M. Goshen, Project Manager, Section 2  
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Mr. Dale E. Young  
Florida Power Corporation

**CRYSTAL RIVER UNIT NO. 3**

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