

October 12, 1982

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Docket No.: 50-537

Mr. John R. Longenecker  
Acting Director, Office of the  
Clinch River Breeder Reactor  
Plant Project  
Office of Nuclear Energy  
Department of Energy  
Washington, D.C. 20545

Dear Mr. Longenecker:

SUBJECT: CLINCH RIVER BREEDER REACTOR PLANT, REQUEST FOR ADDITIONAL  
INFORMATION

As a result of our review of your application for a construction permit  
for the Clinch River Breeder Reactor Plant, we find that we need the  
additional information as requested in the enclosure. Please provide  
your final responses to these requests within 60 days.

The reporting and/or recordkeeping requirements contained in this letter  
affect fewer than ten respondents; therefore, OMB clearance is not  
required under P.L. 95-511.

If you desire any discussion or clarification of the information requested,  
please contact R. M. Stark, Project Manager (301) 492-9732.

Sincerely,

Paul S. Check, Director  
CRBR Program Office  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc: Service List

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A PDR

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DATE ▶	10/8/82	10/12/82	10/8/82	10/12/82	10/12/82		

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Enclosure

In the past there has been some concern shown by the project for the IHTS tee which connects the SWRS rupture discs and associated systems to the IHTS evaporator inlets. The concern in question was the possibility that in the course of a large or intermediate sodium-water reaction a "standing reaction front" might develop at the junction of the tee for a period of time sufficient to overtemperature the tee. This situation has been logically named the "hot tee" problem.

Please provide the current status on the "hot tee" problem. If the project no longer considers it a problem, please provide the analysis upon which that conclusion is based.