

Docket Nos. 50-298

AUG 24 1981



Mr. J. M. Pilant, Director  
Licensing & Quality Assurance  
Nebraska Public Power District  
P. O. Box 499  
Columbus, Nebraska 68601

RE: COOPER NUCLEAR POWER STATION

Dear Mr. Pilant:

By letter dated July 2, 1981, we informed you that we were proposing to hold a meeting with you and other licensees who have requested approval to operate at power levels above 50% with only one recirculation loop in service in the event the other loop is inoperative. The announced purpose of this meeting is to obtain a better understanding of what might have caused variations in jet pump flow and related parameters at Browns Ferry Unit No. 1 during single loop operation and how this incident affects approval of your application. We had proposed a range of dates for the meeting to accommodate the people expected to attend. Based on expressed preferences, the meeting on single loop operating experience will be held at 9:00 A.M., Wednesday, September 9, 1981 in Room P-118, Phillips Building, 7920 Norfolk Avenue, Bethesda, Maryland. The agenda, a copy of which is enclosed, is the same as that included with our previous letter.

You are requested to advise your NRC project manager of the personnel who will be attending from your organization.

Sincerely,

Original Signed by  
T. A. Ippolito

Thomas A. Ippolito, Chief  
Operating Reactors Branch #2  
Division of Licensing

Enclosure:  
Meeting Agenda

cc w/Enclosure  
See next page

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Proposed Meeting with BWR Applicants and Licensees on Single Loop Operation

- Purpose of Meeting:
1. To determine what may have caused the jet pump flow and other variations experienced by Browns Ferry Unit 1 during single loop operation and
  2. Evaluate whether the Browns Ferry experience should result in power limits for other BWRs operating on a single loop.

- Agenda:
1. Discussion of what may have caused the unexpected variations in operating parameters when Browns Ferry Unit 1 exceeded about 60 percent rated power while operating with only one recirculation loop.
  2. Discussion of parameters affected at Browns Ferry 1 (i.e., jet pump flow, neutron flux, core flow, core pressure drop, etc.)
  3. Discussion of whether the Browns Ferry 1 experience would be expected at other BWRs operating on one recirculation loop. If so, are safety limits likely to be violated or cause complications with respect to core stability, core flow symmetry, pump cavitation or damage to the jet pumps and reactor vessel internals.
  4. Discussion of the benefits vs. potential problems and cost of testing single loop operation in another BWR that is instrumented to detect what parameters are affected.
  5. Evaluation of whether single loop operation at power levels about 50 to 55 percent is a safe and prudent means of reactor operation.

Mr. J. M. Pilant  
Nebraska Public Power District

cc:

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