



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

May 17, 1979

MEMORANDUM FOR: Norman C. Moseley, Director, DROI, IE

FROM: Samuel E. Bryan, Assistant Director for Field Coordination,  
DROI, IE

SUBJECT: SAFETY CONCERNS - J. CRESWELL

This memorandum records the elements of a discussion I had with Jim Creswell on May 1, 1979. I had the discussion with Jim for the purpose of obtaining his safety concerns so they could be appropriately resolved. Those concerns are listed below.

1. Would the presence of auxiliary feedwater in its normal sequence have altered the TMI event; that is, would unacceptable results have occurred with normal auxiliary feedwater, other parameters and events being as they were experienced? For example, what are the fuel pin compression factors under such a transient?
2. In a circumstance such as TMI-2 incident, can the reactor coolant pumps be relied on to continue operation; i.e., can pump operation be counted on to continue forced circulation in the saturated condition?
3. Natural Circulation - Can B&W plants accommodate natural circulation for situations as described in Mr. Michaelson's report?
4. Operator action required to be taken within 10 minutes to combat a LOCA, for example. Is this in adequate time?
5. Incore monitors should be reviewed in light of TMI-2 to determine whether or not they should be safety grade.
6. Davis Besse plant is allowed a large positive moderator coefficient  $+0.9 \times 10^{-4} \Delta k/k$  per  $^{\circ}F$ . Can we accept this value?
7. Davis Besse has two steam driven auxiliary feedwater pumps -- no electrical driven, therefore no diversity. Should this be allowed?

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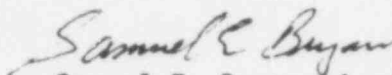
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Norman C. Moseley

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I recommend that we forward his concerns to NRR and request that we be kept informed of their status or resolution.



Samuel E. Bryan, Assistant Director  
for Field Coordination  
Division of Reactor Operations  
Inspection, IE

cc: J. G. Keppler, RIII  
R. F. Heishman, RIII  
J. Streeter, RIII  
E. L. Jordan, IE  
J. S. Creswell, RIII

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NRC PDR



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MAY 30 1979

MEMORANDUM FOR D. Ross, Deputy Director  
Division of Project Management  
  
V. Stello, Director  
Division of Operating Reactors  
  
FROM Roger J. Mattson, Director  
Division of Systems Safety  
  
SUBJECT SAFETY CONCERNS - J. CRESWELL

The enclosed May 29, 1979 memo from Moseley requests NRR evaluation of concerns raised by Region III inspector J. S. Creswell. I believe a proper breakdown of assignments for the seven concerns is as follows:

- 1. Lessons Learned Task Force
- 2. Lessons Learned Task Force
- 3. Bulletins and Orders Task Force
- 4. Lessons Learned Task Force
- 5. Lessons Learned Task Force
- 6. Division of Operating Reactors
- 7. Bulletins and Orders Task Force

Please provide your input to Warren Minners by June 15, 1979. He will coordinate your input with that of the Lessons Learned Task Force for my reply to Mr. Moseley.

*Roger J. Mattson*  
Roger J. Mattson, Director  
Division of Systems Safety

- cc: J. G. Davis, IE  
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