

February 16, 1984

Mudall  
TMI-2-GPU  
response 5/31/84

TO: Carl Kammerer

FROM: Henry Myers

RE: Findings on TMI-2 Cleanup Allegations

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1. I am enclosing a chronology of crane statements, contentions and allegations. Does NRC staff dispute elements in this chronology? If so, which ones?
2. Has NRC staff compiled a list of defects in the proposed crane test program as the program existed on February 23, 1983? As it existed on March 3, 1983?
3. If the crane had been tested in accord with the GPU/Bechtel plan that existed on February 23, 1983, would such tests have violated the NRC's regulations? That existed on March 7, 1983?
4. In what respects does the current crane test program differ from that which existed on February 23, 1983? That which existed on March 7, 1983?
5. Is it the position of NRC staff that revisions in the plan for testing the crane would have been required even if Parks, King and Gischel had not expressed disagreement with the directives, orders, plans, etc. put forth by their Bechtel and GPU supervisors? Is it the position of NRC staff that revisions in the plan for testing the crane would have been required even if Parks, King and Gischel had not gone public with their concerns?
6. On March 14, the TMIPO office reported to HQ that the polar crane load test was scheduled for the week of March 21. On March 21, the TMIPO office reported that the crane test was delayed from late March to early April. What elements of the plan caused the change? When did TMIPO receive information which caused it to disapprove the procedures for testing the crane?
7. Does the NRC staff intend to specify which of the Parks, King and Gischel allegations it has substantiated and which it has not substantiated?
8. What is the basis for the staff statement that "there was no evidence of deliberate circumvention of administrative procedures to avoid technical requirements?" Does the staff intend to say there is no evidence of willful violations of NRC requirements or conspiracies to violate NRC requirements?

cc: William Dircks  
Harold Denton  
Richard DeYoung  
Ben Hayes

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DETAILS:

January 17, 1983. NRC TMI Project Office reports that the crane load test is scheduled for late February.

January 20 - February 10. SO reviews crane SER.

January 24. Polar crane was inspected by NRC consultant. The inspection did not "identify any hardware deficiencies which could delay the crane recovery schedule."

February 10. Gischel (plant engineering director) writes King, TMI-2 Site Operations Director, a memorandum stating that the safety evaluation of the crane was "technically unacceptable as presented."

February 11. King and Gischel inform TMI-2 chief Kanga that they had problems with the polar crane safety evaluation and would not concur.

February 14. TMI-2 deputy chief Barton complains to King about Gischel's not agreeing with the crane safety evaluation.

February 14. King finds that the crane safety evaluation had been sent to the NRC without his having reviewed it. This, according to King, was a violation of the NRC regulations.

February 14. King and Gischel send memoranda to upper management expressing fundamental disagreement with crane program.

February 14. Parks says that, "On Monday morning, February 14, 1983, Mr. King informed the SO staff that he had received a phone call from John Barton asking 'what the hell' Ed Gischel was doing writing the polar crane memorandum. Larry King reported Barton's threat -- 'I don't need people like that working for me. I'll fire their ass.'" (Parks, p. 18-19.)

February 17. TMI-2 engineer Parks informs Radbill (leader of the Polar Crane Task Force) that the polar crane test procedure did not comply with administrative procedures.

February 18. Kitler (TMI-2 management official) threatens to have Parks removed from the site.

February 18. NRC TMI Project Office reports that the polar crane load testing is "scheduled to be accomplished during the next two weeks."

February 22. Meeting at which King and Parks explain that crane refurbishment did not comply with administrative procedures 1043 and 1047. Kanga orders King to appoint a test director for the polar crane test. King refuses.

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February 23. Agreement is reached that Q/A would review procedures for polar crane modification and testing.

February 23. At 5:00 p.m. Barton (TMI-2 Deputy Chief) asks King if he is president of Quiltec. King said yes and Barton "lifted King's badge." [King was suspended, prohibited from the site and fired on March 21.]

February 25. NRC TMI Office Chief Lake Barrett informs Parks that NRC had inspected the crane and could find no problems.

February 28. NRC TMI Project Office reports that preparations for polar crane full load test were continuing.

February 28. Parks receives response to his polar crane comments. The response stated that certain Q/A requirements did not apply to the polar crane test procedure.

March 1. Parks and Chwastyk (King's replacement) write memorandum to management stating opinion of Q/A managers that Q/A requirements did apply to the polar crane test procedure.

March 4. <sup>TMI</sup> Q/A staff state that certain modifications to the crane had not been made in accordance with Q/A requirements.

March 7. NRC TMI Project Office reports that the polar crane evaluation was complete and that a polar crane load test was scheduled for the latter part of March.

March 7. NRC TMI-2 Program Director states:

"The NRC staff concurs with the Functional Description as it relates to the Reactor Building Polar Crane Load Test using the main hoist system. QA/QC has been involved at all stages of the refurbishment process in addition to NRC staff. Safety considerations have been addressed under a separate letter."

March 10. TMI-2 Q/A staff express concern to TMI-2 management about crane activities not carried out in accordance with Q/A requirements.

March 10. NRC TMI Office Chief Lake Barrett disapproves proposed procedures for test of polar crane.

March 14. NRC TMI Project Office reports to NRC HQ that the polar crane load test was scheduled for the week of March 21.

March 21. NRC TMI Project Office reports to HQ that the crane test was delayed from late March to early April.

April 7. NRC TMI Project Office disapproves polar crane test procedures.