

Richard Goddard  
Office of the General Counsel  
USNRC  
Washington, D.C. 20555

Dear Dick:

Here is the list that you requested:

- A. Generic Technical Issues Listing [Based on my review of U.S. Nuclear Regulatory Commission, "NRC Program for the Resolution of Generic Issues Related to Nuclear Power Plants," NUREG-0410 (January 1978); U.S. Nuclear Regulatory Commission, "Generic Task Problem Description," NUREG-0471 (June 1978); U.S. Nuclear Regulatory Commission, "Identification of Unresolved Safety Issues Relating to Nuclear Power Plants," NUREG-0510 (January 1979); U.S. Nuclear Regulatory Commission, "Task Action Plans for Unresolved Safety Issues Related to Nuclear Power Plants," NUREG-0649 (February 1980); U.S. NRC letter, Dircks to Chilk, dated December 25, 1980 entitled "SECY-80-325, Special Report to Congress Identifying Unresolved Safety Issues."]
1. Task A-17, systems interaction in nuclear power plants.
  2. Task A-24, qualification of Class 1E safety-related equipment.
  3. Task A-28, increase in spent fuel pool storage capacity.
  4. Task A-29, design features to control sabotage.
  5. Task A-30, DC power supplies.
  6. Task A-34, instruments for monitoring radiation and process variables during accidents.
  7. Task A-36, control of heavy loads near spent fuel.
  8. Task A-40, seismic design criteria.
  9. Task A-42, pipe cracks in boiling water reactors.

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10. Task A-44, station blackout.
11. Task A-46, seismic qualification of equipment in operating plants.
12. Task A-47, safety implication of control systems.
13. Task A-48, hydrogen control measures and effects of hydrogen burns on safety equipment.
14. Task B-34, occupational radiation exposure reduction.
15. Task B-67, effluent and process monitoring instrumentation.

B. TMI Generic Issues [Based on my review of U.S. NRC "NRC Action Plan Developed as a Result of the TMI-2 Accident," NUREG-0660, Vol. 1 and Vol. 2 (May, 1980); U.S. NRC, "Clarification of TMI Action Plan Requirements," NUREG-0737 (November, 1980)]

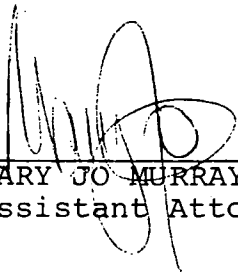
1. Item I.D.1, control-room design reviews.
2. Item III.D.3.4, control-room habitability.
3. Item II.B.1, reactor-coolant-system vent.
4. Item II.B.2, plant shielding.
5. Item II.B.3, post-accident sampling.
  
6. Item II.B.7, analysis of hydrogen control.
7. Item II.E.4.4, containment design-purging.
8. Item II.F.1, additional accident-monitoring instrumentation.
9. Item II.C.3, systems interaction.
10. Item II.F.5, classification of instrumentation, control, and electrical equipment.
11. Item II.F.1, expand quality assurance list.

C. ACRS Generic Items [Based on my view of the then ACRS Chairman Carbon's letter to the then NRC Chairman Hendrie on March 21, 1979; and ACRS Chairman Plesset's letter to NRC Chairman Ahearne on August 12, 1980]

1. Item 58, non-random multiple failures.
2. Item 65, periodic review of all power reactors.
3. Item 68, stress corrosion cracking in BWR piping.
4. Item 70, design features to control sabotage.
5. Item 77, soil-structure interaction.
6. New Item 1, DC power supply reliability.
7. New Item 2, single failure criterion.
8. New Item 3, control system reliability.

I will try and provide the bases for these USIs to you next week.

Sincerely,



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MARY JO MURRAY  
Assistant Attorney General

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