

52-001

REGULATORY AND ANALYSIS SERVICES
San Jose, California

RELIABILITY ENGINEERING SERVICES

May 8, 1991

cc: J. D. Duncan w/o att
A. E. Rogers " "
S. Visweswaran " "

To: J. N. Fox

From: R. P. Raftery

Subject: Updated ABWR Front Line and Support System Fault Trees

Attached are drafts of the following updated ABWR fault trees and basic event data files, as well as Chapter 19D.6 system description markups for transmittal to the NRC (Glenn Kelly):

- o Reactor Core Isolation Cooling (RCIC)
- o High Pressure Core Flooders (HPCFA and HPCFB)
- o Residual Heat Removal (R/3A, RHRB, and RHRC)
 - o Core Flooding (LPFL) Mode
 - o Suppression Pool Cooling Mode
 - o Shutdown Cooling Mode
 - o Wetwell and Drywell Spray Subsystem
- o Automatic Depressurization (ADS)
- o Electric Power
- o Service Water (RCW, RSW, HECW)
- o Instrumentation

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