



52-001

GE Nuclear Energy

ABWR

Date 6-15-92Fax No. —

To

11H3

CHET POSLUZNY - NRCCC: DETE HARN - NRCThis page plus 2 page(s)

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Subject

ABWR TECH SPECS

Message

ATTACHED ARE THE MAJOR ISSUES AS I SEE THEM,
REGARDING ABWR TECH SPECS, THAT NEED TO BE RESOLVED
FAIRLY QUICKLY IN ORDER TO KEEP THE REVIEW ON TRACK.
I SUGGEST WE HANDLE THE MECHANICAL SYSTEMS AND
I&C SYSTEMS SEPARATELY AS THEY ARE LIKELY TO INVOLVE
A TOTALLY SEPARATE SET OF PEOPLE AT THE STAFF. DETE SHOULD
BE ABLE TO HELP IDENTIFY WHAT TECHNICAL BRANCHES SHOULD BE
INVOLVED AND IF ANY OTHER TECH SPEC EXPERTISE IS NEEDED.
NEXT WEEK WOULD BE IDEAL AS I AM LIKELY TO BE IN
WASHINGTON ANYWAY AS I NEED TO SCOUT OUT MY EXTENDED STAY
AS THE ABWR REVIEW POINT MAN/FACILITATOR.

John 050
11

Proposed Discussion Items for GE/NRC
Meeting on ABWR Tech Specs

Mechanical Systems

3.1.5 CRD Accumulators

- Appropriateness of proposed spec considering ABWR design differences (i.e., adoption of BWR/6 LCO, but only portion for Rx at low pressure; accounting for RPS trip on low CRD charging water header pressure)

3.4.1 RIPs Operating

- Appropriateness of proposed spec considering ABWR design differences
- Impact of RIPs out of service on transient/accident analyses
- Documentation of supporting analyses

3.5.1 ECCS - Operating

- Comparison with BWR/6
- Justification of 30-day AOTs
- Credit for "realistic" (i.e., Ch. 19) analyses
- "Value" of low pressure vs. high pressure systems
- Same division vs. different division failures
- Capability and treatment of ADS function
- Documentation of supporting analyses

3.6.2.3 RHR - Suppression Pool Cooling

- Comparison with BWR/6
- Justification of 30-da, AOT
- Impact on containment analyses
- Credit for "realistic" (i.e., Ch. 19) analyses
- Documentation of supporting analyses

PS
THE STRUCTURAL
PEOPLE MAY WANT
TO SEE THIS

RP

3.7.1 Ultimate Heat Sink

- Treatment of site specific item in Design Certification

3.7.2 RCW/RSW System - Operating

- Comparison with BWR/6
- System capability relative to supported systems/components
- Credit for "realistic" (i.e., Ch. 19) analyses
- Documentation of supporting analyses

Proposed Discussion Items for GE/NRC
Meeting on ABWR Tech Specs
(continued)

I&C Systems

3.3.1 RPS Instrumentation

- Instrumentation trip logic vs. final actuation logic
- Indefinite AOT for single channel of instrumentation
- Acceptability and allowable duration of 2-out-of-3 logic at output actuation logic level
- Impact on logic of loss of divisional power and/or essential multiplexing system (EMS)
- Proposed surveillance intervals

3.3.5 ECCS Instrumentation

- Same issues as for RPS above
- Cascading to affected equipment LCO vs. direct action

3.3.6 PCIS Instrumentation

- Same issues as for RPS and ECCS above
- MSIV logic vs. all other isolation logic

Other General Issues

- Use and impact of PRA results
- Treatment of shared instruments (e.g., primary table entries by instrument channel vs. function)