



STATUS OF NRC STAFF REVIEW

OF FENOC'S BULLETIN 2001-01 RESPONSE FOR
DAVIS-BESSE

- EDO Brief
 - November 29, 2001
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B-173



AGENDA FOR DISCUSSION

- Purpose
 - ▶ To discuss the results of the staff's ongoing assessment of FENOC's responses to Bulletin 2001-01 for Davis-Besse
 - ▶ To discuss the change in the staff's decision regarding issuance of an Order

 - Success
 - ▶ EDO understands the basis for the staff's decisions regarding responses to Bulletin 2001-01 for Davis-Besse

 - Introduction and discussion of changes - Larry Burkhart (5 minutes)

 - Discussion of status of staff's review - Jack Strosnider and Gary Holahan (15 minutes)
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CHANGE IN LICENSEE'S PLANS/COMMITMENTS

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- The Licensee proposed changing its commitments to include
 - ▶ Commencing its refueling outage on February 16, 2001, vice March 31, 2001,
 - ▶ Perform a qualified visual inspection of 100% of the VHP nozzles and undertaking NDE of those nozzles that have indications of cracking,
 - ▶ Characterizing any cracks that are identified in VHP nozzles,
 - ▶ Operating at a reduced RCS hot leg temperature to minimize the head temperature effects on crack initiation and growth, and
 - ▶ Maximizing the availability of the plant's redundant critical safety systems until shutdown (this may result in decreases in nominal CDF).
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RISK ASSESSMENTS

	Licensee (low)	Licensee (high)	NRC
Baseline CDF (/ry)	6.6E-05	6.6E-05	6.6E-05
IE Freq. (/ry)	4E-04	4.8E-02	4E-02
ICCDP (/ry)	2.7E-03	2.7E-03	2.7E-03
Delta CDF (/ry)	1.1E-06	1.7E-04	1.3E-04
Incremental Delta CDP for 1.5 mo.*	1.4E-07	2.2E-05	1.7E-05

*NRC guidance recommends increased management attention for changes $\geq 1.0E-5$

NOTE: Further reductions in the nominal CDF may result from the licensee's compensatory measures, e.g., ensuring that highly risk significant systems remain available



RG 1.174 SAFETY PRINCIPLES

- Current Regulations are met
 - ▶ It is likely that current regulations are not met with respect to TS requirements and GDC
 - Defense-in-depth philosophy maintained
 - ▶ It is likely that one of 3 barriers is lost
 - ▶ However, Davis-Besse has large dry containment
 - Sufficient safety margins are maintained
 - ▶ It is likely that safety margins are reduced
 - Only a small increase in CDF results
 - ▶ Incremental Δ CDF (no comp measures) is $1.1\text{E}-06/\text{ry}$ to $1.3\text{E}-04/\text{ry}$
 - ▶ Baseline CDF is $6.6\text{E}-05/\text{ry}$
 - The basis of risk measurement is monitored using performance measurement strategies
 - ▶ Will not occur until inspection is performed
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