

**From:** Ian Jung *NRR* *RES* *PRR*  
**To:** Allen Hiser; Andrea Lee; Douglas Kalinousky; Jay Collins; Keith Wichman; Margie Kotzalas  
**Date:** Wed, Sep 12, 2001 4:12 PM  
**Subject:** Table

I have created a table (see the attached) to brief my management on the big-picture summary of the response to the Bulletin from cracked/high susceptibility plants. If this can help Margie or anyone else, it would be great. In the meantime, pls take a quick look for any inaccuracies and let me know. Thank you. - Ian

**CC:** Jacob Zimmerman

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## Review of Cracked and High-Susceptibility Plant Responses (12 Units)

Plant	VHP Inspection Schedule	Inspection Type	Risk Assessment	Note
Oconee 1, 2, & 3	Oconee 3: 11/01 Oconee 1: 4/02 Oconee 2: [REDACTED]	Qualified Visual (NDE as necessary)	IE = $1.3E-5$ /yr (nozzle rupture frequency) CCDP = $3.5E-5$ CDF = $6.0E-4$ /yr	The Units 1 and 2 VHPs were 100% visually inspected and the cracks found were repaired within last 8 months.
North Anna 1&2, Surry 1&2	North Anna 1: 9/01 Surry 1: 11/01 Surry 2: Spring/02 North Anna 2: [REDACTED]	Effective Visual  Additional NDE for North Anna 1	(N/A)	Previous visual inspections did not identify any evidence of leakage within last 4 yrs.
TMI 1	10/01	Qualified Visual (NDE as necessary)	(N/A)	Visual examinations in 1997 and 1999 did not identify any evidence of leakage.
ANO 1	[REDACTED]	Qualified Visual (NDE as necessary)	IE = $1E-2$ /yr to $1E-3$ /yr (Expert Opinion) CDF = $1E-5$ /yr to $1E-6$ /yr	During 1R15 (early 2001), #56 was found to have leaked.
D.C. Cook 2	11/01	Remote Visual and ECT (NDE)  (Additional NDE as necessary)	(N/A)	In 1994, ECT was performed on 71/78 VHP penetrations and identified indication on #75 and the subsequent UT confirmed the indication. #75 was repaired in 1996.
Davis Besse	4/02	Qualified Visual  (Supplemental examination for any leaking nozzles)	(N/A)	The licensee proposes a final response to be submitted by 1/29/02 with final inspection plans.
H.B. Robinson	[REDACTED]	Qualified Visual (NDE as necessary)	(N/A)	The licensee visually examined the VHPs in 5/01 and no evidence of leakage was identified.

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