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Date: 5/4/04 10:05AM
Subject: Status of 1R18 RV Head/Alloy 600 Inspections

Attached is the Status of the ANO-1 1R18 RV Head/Alloy 600 inspections for
May 4, 2004.

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Subject: Status of 1R18 RV Head/Alloy 600 Inspections
Creation Date: 5/4/04 9:58AM
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1R18 RVH Inspection Results 5-4.doc

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Options

Expiration Date:

None

Priority:

Standard

Reply Requested:

No

Return Notification:

None

Concealed Subject:

No

Security:

Standard

1R18 Alloy 600 Status

Inspection	Inspection Method	Extent of Inspection	1R18 Status/ Findings
BMV of RV Head	BMV exam inside Service Structure	100% of the RPV head surface (including 360° around each head penetration). (OP 2311.009)	CRDM nozzle BMV was performed and Review Team review of videos complete. Inspection Complete.
CRDM/ RADCAL Nozzles	UT of 60 CRDM nozzles (no known defects)	UT of the RPV nozzle from 2" above the highest point of the root of the J-weld to the blind zone.	UT scans of CRDM nozzles being finalized <ul style="list-style-type: none"> 60 of 60 nozzles inspected 60 of 60 analyzed by Entergy (Note 1) Boring and welding of nozzle 61 complete. Currently in 48 hour hold period. NRC call on nozzle 61 today at 1:00 CDT.
	UT of six FTI repaired CRDM nozzles (Nozzles 3, 6, 15, 17, 33, & 56)	UT the weld and at least 1-inch above the weld in the nozzle base material.	UT scans of FTI repaired CRDM nozzles complete <ul style="list-style-type: none"> 6 of 6 FTI repairs inspected 6 of 6 analyzed by Entergy No indications identified.
	UT/WS of two <u>W</u> repaired CRDM nozzles (Nozzles 54 & 68)	UT of the RPV nozzle from 2" above the highest point of the root of the J-weld to the blind zone <u>and</u> wetted surface exam of weld overlay.	UT scans of <u>W</u> / repaired CRDM nozzles complete. <ul style="list-style-type: none"> 2 of 2 nozzle UTs inspected 2 of 2 nozzle UTs analyzed 2 of 2 PT exams performed and analyzed No indications identified.
	UT of RADCAL (Nozzle 1)	UT of the RPV nozzle from 2" above the highest point of the root of the J-weld to the blind zone.	Nozzle 1 inspected and analyzed by Entergy (Note 1) No indications identified
	UT of nozzle Annulus [Leak Path Assessment]	Interrogate interference fit in all 69 nozzle annuli above J-weld for leakage path	No leak path identified on any nozzles analyzed including nozzle 61.
ICI Nozzles	Visual Inspection of 52 BMI nozzles	Inspect 100% of the circumference of each penetration as it enters the RPV lower head. (OP 2311.009)	BMI nozzles being visually reinspected with enhanced place-keeping and procedure controls. To be performed as early as May 5, 2004.

May 4, 2004 - 8:00 AM

RCS Walkdowns	Visually Inspect RCS for RCS leaks	Visually inspect above the RPV head for potential boric acid leaks from pressure-retaining components. Inspect other A600 RCS small bore locations (OP 2311.009).	<p>A600 small bore nozzles (complete)</p> <ul style="list-style-type: none">• 18 of 18 pressurizer/CFT nozzles inspected• 14 o14 hot leg nozzles inspected• 13 of 13 Cold Leg nozzles inspected <p>No indications identified</p> <p>Final boric acid inspection above the service structure to be performed as early as May 4, 2004.</p>
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Note 1: The freespan length below the weld has been confirmed to meet Entergy's Order Relaxation request of February 11, 2004 (CNRO-2004-0008).