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Date: 5/6/04 9:40AM
Subject: 1R18 RV Head/Alloy 600 Inspection Status

Attached is the last 1R18 RV Head Status report being provided. Most of the actions required for the RV Head/ Alloy 600 inspections are complete. The only remaining action is to complete and verify the bottom mounted nozzle inspection which is scheduled today.

- docket 50-313
- PM is T. Alexion

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Subject: 1R18 RV Head/Alloy 600 Inspection Status
Creation Date: 5/6/04 9:33AM
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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. Videos being provided to Resident.
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) Nozzle 61 UT and PT performed. No indications. Repair complete
	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 this morning.

May 6, 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).	A600 small bore nozzles (complete) <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 No indications identified Boric acid inspection above the service structure completed
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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).