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Date: 4/26/04 9:16AM
Subject: Status of 1R18 Alloy 600/RV Head Inspection

Attached is the April 26, 2004 Alloy 600/RV head inspection status.

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Subject: Status of 1R18 Alloy 600/RV Head Inspection
Creation Date: 4/26/04 9:11AM
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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)	69 of 69 CRDM nozzles visually inspected on 4/24/04 <ul style="list-style-type: none"> • CR-ANO-1-2004-827 documents boric acid from 1R17 seal leak (9 nozzles classified as UnSat) • No leaking nozzles identified • CRDM inspection mapping being reconfirmed
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 exams will be underway Monday morning (4/26/04).
	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/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 of RADCAL Nozzle (Nozzle 1)	UT of the RPV nozzle from 2" above the highest point of the root of the J-weld to the blind zone.	
	UT of nozzle Annulus [Leak Path Assessment]	Interrogate interference fit in all 69 nozzle annuli above J-weld for leakage path	
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)	BMIs initially inspected on night shift 4/22/04 <ul style="list-style-type: none"> • CR-ANO-1-2004-827 written due to placekeeping concerns on nozzle inspections • No leaking nozzles identified to date • CR-ANO-1-2004-0735 written on rust/staining
RCS Walkdowns	Visually Inspect RCS for RCS leaks	Visually inspect above the RPV head for potential boric acid leaks from pressure-retaining components as well as other A600 RCS small bore locations. (OP 2311.009)	No leaking A600 nozzles identified (ongoing) <ul style="list-style-type: none"> • 15 of 18 pressurizer/CFT nozzles inspected • 14 of 14 hot leg nozzles inspected • 6 of 13 Cold Leg nozzles inspected

April 26, 2004 - 8:00 AM

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