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Date: 4/24/04 9:45AM
Subject: Alloy 600/RV Head Inspection Status for April 24, 2004

Attached is the 1R18 Alloy 600 Inspection status for April 24, 2004

Steve Bennett
NSA - Licensing
479-858-4626
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Subject: Alloy 600/RV Head Inspection Status for April 24, 2004
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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)	69 of 69 CRDM nozzles visually inspected on 4/24/04 (pending final documentation) <ul style="list-style-type: none"> • No leaking nozzles identified • CR being written to document boric acid staining from 1R17 RadCal seal leak
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.	Scheduled to begin UT exams dayshift Monday (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/WIS 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)	52 of 52 BMIs inspected on night shift 4/22/04 (Complete) <ul style="list-style-type: none"> • No leaking nozzles • 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"> • 5 of 9 pressurizer nozzles inspected • 7 hot leg nozzles inspected • 4 CFT nozzles inspected