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**Date:** 4/22/04 9:23AM  
**Subject:** 1R18 Status of Alloy 600 Inspections

Attached is the first daily status of the Alloy 600 Inspections being conducted during 1R18.

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- docket 50-313  
- PM in J. Alexion

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**Subject:** 1R18 Status of Alloy 600 Inspections  
**Creation Date:** 4/22/04 9:18AM  
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<b>Expiration Date:</b>	None
<b>Priority:</b>	Standard
<b>Reply Requested:</b>	No
<b>Return Notification:</b>	None

<b>Concealed Subject:</b>	No
<b>Security:</b>	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)	Scheduled to begin Dayshift on 4/22/04
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 late 4/25/04
	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.	
	UTWS 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)	<p>52 of 52 BMIs inspected on night shift 4/22/04 (Complete)</p> <ul style="list-style-type: none"> <li>• No leaking nozzles</li> <li>• 1 CR being written on rust/staining</li> <li>• Video tapes being reproduced</li> </ul>
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 locations. (OP 2311.009)	Beginning day shift 4/22/04