

CONDITION REPORT

CR Number
02-07059

TITLE: PRELIMINARY RESULTS FROM ANALYSIS OF INCORE NOZZLE SAMPLES

DISCOVERY DATE	TIME	EVENT DATE	TIME	SYSTEM / ASSET#
9/30/2002	N/A	9/30/2002	N/A	081-02 N/A

EQUIPMENT DESCRIPTION Incore Guide Tubes

DESCRIPTION OF CONDITION and PROBABLE CAUSE (If known) Summarize any attachments. Identify what, when, where, why, how.

ORIGINATOR

Condition Report 02-02552 documented the results from the Extent of Condition Inspection of the 52 Incore Instrumentation Guide Tubes performed under procedure EN-DP-01500 (previously Inspection Plan IP-M-030). As documented in CR 02-02552, a number of the Incore Guide Tube penetrations had boric acid residue and rust/corrosion stains around the annulus area. Following this inspection, and discussions with Framatome, samples were taken from the rust/corrosion stain and a boric acid residue trail on the side of the reactor vessel and from 12 select tubes. These samples were sent to Framatome for analysis to determine if the source of the material around the incore nozzles could be identified as either runoff from cleaning of the head or potential leakage from the incore nozzle itself.

The preliminary results of this analysis (Draft Framatome report 51-5020797-00) "provide conflicting indications regarding whether or not the flow trail and IMI nozzle deposits could have been from a common source. Given these conflicting indications, it is not possible to definitively conclude with the available information that the flow trail and nozzle deposits had a common source." Some analysis results presented in the report indicate different origins for the flow trail and nozzle deposits suggesting a potential incore nozzle leak. Discussions with Framatome and Davis-Besse personnel indicate these results may also be due to sampling uncertainties. Framatome has been requested to determine if these results will change the recommended actions for the incore nozzles contained in Framatome report 51-5019705-00 (which appears to still be a draft report).

IMMEDIATE ACTIONS TAKEN / SUPV COMMENTS (Discuss CORRECTIVE ACTIONS completed, basis for closure.)

N/A

QUALITY ORGANIZATION USE ONLY

Quality Org. Initiated Yes
Quality Org. Follow-up Yes No

IDENTIFIED BY (Check one)

Individual/Work Group
 Supervision/Management

Self-Revealed
 Internal Oversight
 External Oversight

ATTACHMENTS

Yes No

ORIGINATOR

HENGGE, C

ORGANIZATION

PE

DATE

10/1/2002

SUPERVISOR

CUNNINGS, J

DATE

10/1/2002

PHONE EXT.

8251

670

CONDITION REPORT						CR Number 02-07059
TITLE: PRELIMINARY RESULTS FROM ANALYSIS OF INCORE NOZZLE SAMPLES						
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	DESCRIPTION OF CONDITION and PROBABLE CAUSE (if known) Summarize any attachments. Identify what, when, where, why, how.					
<p>Condition Report 02-02552 documented the results from the Extent of Condition Inspection of the 52 Incore Instrumentation Guide Tubes performed under procedure EN-DP-01500 (previously Inspection Plan IP-M-030). As documented in CR 02-02552, a number of the Incore Guide Tube penetrations had boric acid residue and rust/corrosion stains around the anulus area. Following this inspection, and discussions with Framatome, samples were taken from the rust/corrosion stain and a boric acid residue trail on the side of the reactor vessel and from 12 select tubes. These samples were sent to Framatome for analysis to determine if the source of the material around the incore nozzles could be identified as either runoff from cleaning of the head or potential leakage from the incore nozzle itself.</p> <p>The preliminary results of this analysis (Draft Framatome report 51-5020797-00) "provide conflicting indications regarding whether or not the flow trail and IML nozzle deposits could have been from a common source. Given these conflicting indications, it is not possible to definitively conclude with the available information that the flow trail and nozzle deposits had a common source." Some analysis results presented in the report indicate different origins for the flow trail and nozzle deposits suggesting a potential incore nozzle leak. Discussions with Framatome and Davis-Besse personnel indicate these results may also be due to sampling uncertainties. Framatome has been requested to determine if these results will change the recommended actions for the incore nozzles contained in Framatome report 51-5019705-00 (which appears to still be a draft report).</p>						
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QUALITY ORGANIZATION USE ONLY		IDENTIFIED BY (Check one)			ATTACHMENTS	
Quality Org. Initiated	<input type="checkbox"/> Yes	<input type="checkbox"/> Individual/Work Group	<input checked="" type="checkbox"/> Self-Revealed		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Quality Org. Follow-up	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Supervision/Management	<input type="checkbox"/> Internal Oversight		<input type="checkbox"/> External Oversight	
ORIGINATOR	ORGANIZATION	DATE	SUPERVISOR	DATE	PHONE EXT.	
HENGGE, C	PE	10/1/2002	CUNNINGS, J	10/1/2002	8251	

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see 170

6/0