

STATE CHANGE HISTORY

Initiate

 Done
 4/24/2002 14 21:16
 Owner (None)
 by JULIE KREIL

SECTION 1

Activity Request Id: CAP005432
 Activity Type: CAP Submit Date: 7/23/2001 1:00.00

One Line Description: Blockage Of Emergency Diesel Generator Cooler Tubes

Detailed Description: HX-005-B1 and B2 were opened during the monitoring actions OI 155 Only shells were found, with no mussels inside. An inspection performed on 7/21/01 resulted in 22 tubes blocked by zebra mussel shells and another 4 to 5 tubes blocked by other debris Some of the debris appeared to be a piece of a red plastic bag or some of the red plastic bag or some of the red coating from the inside of the coolers. The piece was big enough to block 3 tubes \WHY DID EVENT/ISSUE OCCUR? Event is a result of the treatment of Service Water with a molluscicide. The size of the mussels found was unexpected due to previous shells found in SW Y-strainers the previous week. All indications prior to inspection led personnel to not expect an increase in shells found \SIGNIFICANCE/REQUIREMENT NOT MET: The acceptance criterion based on discussions prior to performing the procedure is a maximum of 20 tubes blocked across both coolers. The maximum blockage is based on operability of the coolers at 80 degrees F Service Water temperature. \CORRECTIVE ACTIONS TAKEN: WO tags 175446, 175447, 175448, 175449 written Cleaned out coolers and returned to service. Performed thermography of HX-15C and 15D in both units, with all Containment Fan Coolers meeting acceptance criteria. \WOs submitted to inspect and evaluate Hx coatings during next inspection. \RECOMMENDATIONS: OI 155 will probably not be performed again. Strainers are being installed upstream of HX-55A and 55B, so the depositing of shells will no longer be a problem. The next internal inspection should evaluate the nature of the red coating inside the coolers and the potential to flake off and block tubes No bare metal was evident to indicate the red debris was flaked off the inside of the coolers.

Initiator: HAWMAN, JASON  Initiator Department: EDMP Engineering Design
 Mechanical PB 

Date/Time of Discovery: 4/24/2002 14:21:16 Date/Time of Occurrence: 4/24/2002 14:21:16

Identified By: (None) System: SW PB

Equipment # (1st): (None) Equipment Type (1st): (None)

Equipment # (2nd): (None) Equipment Type (2nd): (None)

Equipment # (3rd): (None) Equipment Type (3rd): (None)

Site/Unit: Point Beach - Common

Why did this occur?:

Immediate Action Taken:

Recommendations:

Notify Me During Eval?: N SRO Review Required?: N

SECTION 2

Operability Status: (None) Compensatory Actions: N

Basis for Operability:

Unplanned TSAC Entry: N External Notification: N

Alien

SECTION 3

Screened?:	N	☉ Significance Level:	C
INPO OE Req'd?:	N	Potential MRFF?:	N
☉ QA/Nuclear Oversight?:	N	☉ Licensing Review?:	N
Good Catch/Well Doc'd?:	NA		

SECTION 4

Inappropriate Action:

Process:	N/A - Not Applicable	Activity:	(None)
Human Error Type:	(None)	Human Perf Fail Mode:	(None)
Equip Failure Mode:	(None)	Process Fail Mode:	(None)
Org/Mgt Failure Mode:	(None)	☉ Group Causing Prob:	(None)
Hot Buttons:	(None)		

SECTION 5

CAP Admin:	PBNP CAP Admin	Prescreener:	(None)
☉ Project:	Corrective Action Program (CAP) 		
☉ State:	Done	☉ Active/Inactive:	Inactive
☉ Submitter:	JULIE KREIL 	☉ Owner:	(None)
AR Type:	Parent	☉ Last Modified Date:	4/24/2002 14:21:16
☉ Last Modifier:	JULIE KREIL 	☉ Last State Change Date:	4/24/2002 14:21:16
☉ Last State Changer:	JULIE KREIL 	☉ Close Date:	7/27/2001 1:00 00

NUTRK ID: CR 01-2406

of Children: 0

References: OI 155" WO 9934402" WO 9934403" WO 9945011" WO 9945012" WO 9945013" WO 9945014

Update: (20010727 PB2171 JMK1) CLOSED Parent Record to WOs 9945011, 9945012, 9945013 and 9945014. (20011015 PB0268 JAS) Reviewed CR during quarterly maintenance rule review of service water system. The condition is not considered to be a functional failure. The diesel would of performed its function since lake temp was below 70 degrees F from the time of the EVAC treatment until shell removal occurred approx. 1 week later. 10% tube blockage is allowed (i.e. approx. 65 tubes per H/X pair) per Calc. 980051 Rev. 1 at 70 degree F SW temperature. John A. Schroeder 10/15/2001

Prescreen Comments: Operability Status: Operable \Operability Basis: Blockage was found while Hx's diesel were OOS. Hx was cleaned prior to returning to service \Screener Comments: WOs submitted to inspect and evaluate coatings on Hx's next inspection.

Import Memo Field:

OPR Completed?: N

OLD_ACTION_NUM:

sub_tsid: 0 original_project_id: 0

original_issue_id:

Site: Point Beach

Cartridge and Frame:

CHANGE HISTORY

4/24/2002 14:21:19 by admin

Submit Date Changed From 4/24/2002 14 21 16 To 7/23/2001 1 00 00