

HARRIS NUCLEAR PLANT

1&2X CTMV Bay B  
ISC - E001 Trav. Screen

PLANT OPERATING MANUAL

WO 1181846

3/4/2008

VOLUME 6

PART 9

PROCEDURE TYPE: ENGINEERING PERIODIC TEST

NUMBER: EPT-168

TITLE: EMERGENCY SERVICE WATER INTAKE AND SCREENING  
STRUCTURES INSPECTION**NOTE:** This procedure has been screened per PLP-100 criteria and determined to be a CASE III procedure. No additional management involvement is required.

**Attachment 1 - General Comment Sheet and Inspection Checklist**  
Sheet 1 of 2

A. General Information

Bay Description: CTMU Bay B, 1&2 X

WO No.: 1181846 Tag No. ISC-E001 (Trav. Screen)

Inspected By (Print Name): Dan Maley

Date of Inspection: 3/4/08

B. Inspection Checklist

Initials

1. Was inspection recorded on film?      (Y/N) Y

DM

Type of film used.      Video      35mm      Polaroid Digital  
DM

**NOTE:** If inspection is recorded on film, the following should be included:

- a. Overall shots to show condition of bay being examined.
- b. Leader photo that includes the date and bay number.
- c. Photos taken in "as found" condition.
- d. Photos taken after fouling has been removed to show as left condition of bay.

2. Is sediment present in the bay? Y (Y/N)  
(Document quantity and location on Attachment 2 or 3)

DM

3. Are clams present in the bay? Y (Y/N)

(If yes, estimate quantity: X 1-100,      100-500,  
     500-1000,      1000-5000,      >5000)

DM

4. Bay needs cleaning? Y (Y/N)

DM

5. Bay has been cleaned? Y (Y/N)

DM

6. Bay equipment in satisfactory condition? Y (Y/N)

DM

Attachment 1 - General Comment Sheet and Inspection Checklist  
Sheet 2 of 2

**NOTE:** Document all equipment inspected and document equipment condition concerns in Section C. The items below are recommended:

- Check Traveling Screens baskets, sprockets, gears etc.
- Inspection bay level instrumentation components, conduit, supports, etc.
- Check Fire Pump Suction strainers and clean if required.
- Inspection valve body, disc and general material condition.

7. Any needed repairs are completed? (Y/N/NA) Y DM
8. Document any identified adverse condition. A/R N/A DM

C. Comments/Observations:

The travelling screen baskets are in excellent condition, these were recently replaced. The chain and sprockets are heavily corroded, but do not exhibit excessive material loss. These will be replaced in August, 2008. The bay had sedimentation buildup throughout, see the attached map. In no areas was the height of buildup excessive where it would have challenged (TMV pump operation) the areas closest to the pump <sup>DM 3/17</sup> had little build up. Some clam shell fragments were present, although no whole clams were identified. A large dump of gelatinous bryzoa (biological mat!) was found upstream of the travelling screen. The entire bay was cleaned and left SAT.

Completed By: Dennis J. Maly  
Signature

Date: 3/17/2008

Reviewed By 89-13  
Program Manager: Dennis J. Maly  
Signature

Date: 4/8/2008

After receiving the final review and approval signature, this EPT becomes a **QA RECORD** and is to be submitted to Document Services.

**Attachment 3 - Intake Structure Inspection Form**  
Sheet 2 of 2

Screening Structure Bay No.: Intake Bay B, 18x2x CTMV

Inspected By (Print Name): Dan Maley Date: 3/4/08

Trash Racks		
* 4"	*	* 4"
*	*	*
* 6"	* 5"	* 6"
Traveling Screen		
6"	* 5"	* 6"
* 2"	*	* 2"
1"	* 0"	1"
* 0"	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">           Cooling Tower Makeup Pump         </div>	* 0"
* 0"	* 0"	* 0"

Record depth of sediment/silt accumulation