



**LACBWR**  
**SPECIAL TEST PROCEDURE**

**PERFORM RADIATION SURVEY OF FESW AT CANAL GATE LEVEL**

Issue Notice No.   0   Dated   JUN 22 2009  

INSTRUCTIONS

Remove Old Page Nos.	Insert New Page Nos.	Description of and Reason for Change
N/A	ALL PAGES	New Procedure

Page Schedule

<u>No.</u>	<u>Issue</u>	<u>No.</u>	<u>Issue</u>	<u>No.</u>	<u>Issue</u>
0.1	0				
0.2	0				
1	0				
2	0				
3	0				

This issue shall not become effective unless accompanied by a new cover sheet, properly signed off in the appropriate review/approval columns.

ATTACHMENT 1

10 CFR 50.59 SCREEN FORM

Page 1 of 2

Document No. STP 58-01 50.59 Screen Rev. No. 0

Activity Title

Perform Radiation Survey of FESW  
at Canal Gate Level

Activity Description

Take radiation surveys above  
upper tier fuel racks.

Document Listing

D-Plan Sect. 5.2.11  
Op. Manual Vol. II, Sect. 11

Design Functions

FESW provides means for  
cooling stored fuel, safe  
storage structure, and  
water inventory for adequate  
shielding.

ATTACHMENT 1

10 CFR 50.59 SCREEN FORM

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10 CFR 50.59 Screening Questions		Yes	No
1	Does the proposed activity involve a change to a structure, system, or component (SSC) that adversely affects a design function described in the Decommissioning Plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Does the proposed activity involve a change to a procedure that adversely affects how SSC design functions, described in the Decommissioning Plan, are performed or controlled?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Does the proposed activity revise or replace evaluation methodology described in the Decommissioning Plan that is used in the safety analyses, or which establishes the design bases?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Does the proposed activity involve a test or experiment not described in the Decommissioning Plan, where a SSC is utilized or controlled in a manner that is outside the reference bounds of the design for that SSC or is inconsistent with analyses or descriptions in the Decommissioning Plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Does the proposed activity require a change to LACBWR Possession-Only License, Appendix A, Technical Specifications?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Will the proposed change result in a significant environmental impact not previously evaluated in NUREG-0586, Supp. 1, "Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities," dated November 2002?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Conclusion</b>			
<input type="checkbox"/>	Any of questions 1, 2, 3, or 4 are answered <b>YES</b> ; questions 5 and 6 are answered <b>NO</b> . 50.59 Evaluation shall be performed. This Screen form does not need to be retained.		
<input type="checkbox"/>	Questions 5 or 6 are answered <b>YES</b> . NRC approval is required prior to implementation of the activity; proceed to license amendment process. This Screen form does not need to be retained.		
<input checked="" type="checkbox"/>	All screening questions have been answered <b>NO</b> . 50.59 Evaluation or NRC approval is not required. Implement the activity per the applicable procedure for the type of activity. Attach this Screen form, as approved, to documentation for the activity. Provide justification that a 50.59 Evaluation is not required in the space below.		
<b>Justification</b>			
<p>Procedure provides means to safely and accurately measure dose levels within near proximity of stored fuel. <sup>TEST</sup> change <sup>made 6/22/09</sup> creates no new failure modes or other adverse effects.</p>			
<b>Signatures</b>			
50.59 Screen Preparer (print name):	(Signature)	Date	
Jeff McRill	Jeff McRill	6/22/09	
ORC Approval and Meeting No.	(Chairman Signature)	Date	
09-11	[Signature]	6/22/09	

## LACBWR

### SPECIAL TEST PROCEDURE

#### PERFORM RADIATION SURVEY OF FESW AT CANAL GATE LEVEL

##### 1.0 PURPOSE

This procedure provides guidance for performing an underwater radiation survey in the FESW. This survey will be done at the level of the bottom of the transfer canal gate to determine radiation dose rates from the fuel at this level.

##### 2.0 PRE-REQUISITES

- 2.1 SWP available.
- 2.2 MR completed.
- 2.3 FESW pool covers removed.
- 2.4 Contaminated work area established around pool.
- 2.5 Pre-job briefing performed.
- 2.6 Perform pre-operations checks on the underwater probe and instrument.

##### 3.0 REFERENCES

- 3.1 ACP-18.1, "Collection, Storage and Maintenance of LACBWR Quality Assurance Records"
- 3.2 HSP-02.6, "Radiation Surveys"

##### 4.0 PROCEDURE

- 4.1 All pre-requisites have been completed.
- 4.2 HP to lower underwater probe at a level of 20 feet, 7 inches below the 701' level. This will be at the bottom of the canal gate.
- 4.3 Move the detector to the pre-determined survey location.
- 4.4 Allow meter reading to stabilize.

- 4.5 Record reading on Attachment 1.
- 4.6 Repeat steps 4.3 through 4.5 until all survey points have been taken.
- 4.7. Wipe down and restore the underwater probe and survey instrument.
- 4.8 Take completed survey form to the Health & Safety/Maintenance Supervisor.

**5.0 RECORD**

All records generated by this procedure will be maintained as per ACP-18.1.

ATTACHMENT 1

FESW Underwater Survey

Date \_\_\_\_\_

Performed by \_\_\_\_\_  
print

\_\_\_\_\_  
signature

Survey instrument serial# \_\_\_\_\_

Depth from 701 feet minus 20 feet 7 inches = 680 feet 5 inches

