

# FUEL FACILITIES BRANCH INSPECTION PLAN

Revision Date: 12/2/96

R2/E9

Inspection of: Westinghouse on 27-31 July 98. Inspection Report Number: 98-05  
Licensee Dates (From → To)

On Site Hours Anticipated: 3

Back-shift Hours Anticipated: 3

TYPE OF INSPECTION	TIMING OF INSPECTION	INSPECTION NOTIFICATION	ALLEGATION FOLLOWUP	INTEGRATED REPORT
<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Back Shift	<input type="checkbox"/> Announced	<input type="checkbox"/> Yes - Plan Attached	<input type="checkbox"/> Yes
<input type="checkbox"/> Special	<input type="checkbox"/> Normal Shift	<input checked="" type="checkbox"/> Unannounced	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Team	<input checked="" type="checkbox"/> Both Shifts			

Lead Inspector: A. Gooden Accompanying Inspector(s): N/A

Licensee Contact: Jim Heath  
Name

803-776-2610 ext. 3415  
Telephone Number

Motel: Sheraton  
Name and Location

803-731-0300  
Telephone Number

Print, review, and attach a copy of the Site Integration Matrix (See G:\SIM\*.SIM) A.G.  
Inspector's Initials

Attach a list of all open items for the facility (See G:\OPENITEM) and mark with a high lighter the issues that will be reviewed for closure. If there are items that have been closed but are not reflected as such on the list, mark them appropriately. A.G.  
Inspector's Initials

On the reverse side of this form (Region II Fuel Facilities Branch Inspection Areas), mark with a high lighter the areas (e.g. F1.05, S2.07, etc.) to be inspected and cross out those areas previously inspected during the Fiscal Year. A.G.  
Inspector's Initials

In an attachment, list the performance measures to be inspected for each area to be inspected and specify the indicators that will be used to measure the acceptability of that performance. Also, indicate how the performance measures relate to performance characteristics for this licensee that you discovered during your review of the SIM. Note that this part of the plan is the most important because here is where the real focus of the inspection is developed. A.G.  
Inspector's Initials

Inspection Instructions from the Project Inspector (Bassett for Framatome, Westinghouse, & Research Reactors; Gloersen for NFS & ISFSIs, and Troup for B&W NNFD & GE):

Project Inspector Certification that: 1) the inspection focus is appropriate, 2) the planned inspection is based on acceptable performance measures, 3) performance trends from an up-to-date SIM have been appropriately considered, and 4) the inspection is specified on the Master Inspection Schedule

Signature Date

Additional Inspection Instructions from Branch Chief:

Branch Chief Approval: [Signature]  
Signature Date

Copies With Attachments To
<input type="checkbox"/> Branch Secretary
<input type="checkbox"/> Inspector(s)
<input type="checkbox"/> Project Inspector
<input type="checkbox"/> Branch Chief

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 4  
FOIA-2006-0026

7M-3

PERFORMANCE MEASURES TO BE INSPECTED AT: Westinghouse on 7/27-31/98

INSPECTION REPORT NO.: 70-1151/98-05

1. Radiation Protection program implementation
  - a. Review self assessments and independent assessments for adequacy in determining if program consistent with license condition and requirements in 10 CFR 20
  - b. Review corrective action program for adequacy and timeliness
2. Exposure control program
  - a. Verify internal and external dose goals established
  - b. Review exposure results for verification that exposures less than limits in 10 CFR 20
  - c. Verify that employees follow procedures associated with exposure control
3. Observation of work activities with respect to posting, labeling, and control of foodstuff from entering radiation areas
  - a. Employee procedural compliance
  - b. Verification that posting consistent with requirements of license, 10 CFR 20, and procedures
4. Notification and reporting to NRC
  - a. Review radiation incident file
  - b. Interview radiation personnel and review exposure summaries for verification no overexposure resulted
  - c. Interview workers to determine if licensee provided exposure summaries for the year
5. Implementation of ALARA principles
  - a. Assess the effectiveness of the RWP system
  - b. Determine if dose goals are established and met
  - c. Assess via interview workers' awareness regarding the ALARA program and management commitment to ALARA
6. Management oversight of program
  - a. Review and assess program for problem identification
  - b. Assess management involvement in problem resolution
  - c. Are problems being tracked and adequately trended
  - d. Review timeliness of problem resolution

IFSCO308

INSPECTION FOLLOW-UP SYSTEM REPORT NUMBER 7  
LICENSEE ITEM LIST REPORT - REGION: 2  
SORTED BY ITEM SEQUENCE

06/16/98  
PAGE 1

LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 05/08/1998  
LEAD INSPECTOR: DXA  
REPORT #: 98-003

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		UNH TANK RECIRCULATION PUMP ALARM FAILURE

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INSPECTION FOLLOW-UP SYSTEM REPORT NUMBER 7  
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SORTED BY ITEM SEQUENCE

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LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 02/09/2008  
LEAD INSPECTOR: DXA  
REPORT #: 98-002

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		REVIEW LICENSEE'S ACTIONS TO PREVENT DELETION OF R
02	VIO	4 / 4	LIC COND: LCZZ		O		SEVERAL EXAMPLES OF FAILURE TO FOLLOW REQUIRED WOR
							ITEM COMMENT TEXT: CONTRARY TO THE SECTIONS 3.2.1 AND 3.4.1 OF THE LICENSE APPLICAT ION THE LICENSEE FAILED TO CONDUCT ACTIVITIES IN ACCORDANCE WITH THE REQUIREMENTS FOR UTILIZING COMPUTER PROGRAMS AND/OR APPROVED
03	IFI				O		ASSESS ADEQUACY OF POST MAINTENCE FUNCTIONAL TESTI
							ITEM COMMENT TEXT: PROCESS EQUIPMENT AND CONTROL SOFTWARE.

INSPECTION FOLLOW-UP SYSTEM REPORT NUMBER 7  
LICENSEE ITEM LIST REPORT - REGION: 2  
SORTED BY ITEM SEQUENCE06/16/98  
PAGE 3LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 02/13/1998  
LEAD INSPECTOR: AEG  
REPORT #: 98-001

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
02	IFI				O		COMPARE ANALYTICAL RESULTS OF A SPLIT SOIL SAMPLES
						ITEM COMMENT TEXT:	ENVIRONMENTAL STATIONARY AIR SAMPLES STATION LOCATION #4.
03	IFI				O		REVIEW LICENSEE'S DETERMINATION FOR THE WIDE VARIA
						ITEM COMMENT TEXT:	AND SLIGHTLY ELEVATED SURFACE WATER SAMPLE GROSS ALPHA RESULTS.
04	IFI				O		REVIEW THE LICENSEE'S DETERMINATION FOR THE ELEVAT
						ITEM COMMENT TEXT:	OSS BETA GROUND WATER SAMPLE RESULTS NOTED IN THE FIRST THREE QUARTERS OF 1997.
05	IFI				O		REVIEW THE LIC.'S COMPLETION OF THE ACTION PLAN IT
						ITEM COMMENT TEXT:	FOR THE RIVER DISCHARGE LINE BREAKJ AT THE CONGAREE RIVER NEAR THE DIFFUSER.

INSPECTION FOLLOW-UP SYSTEM REPORT NUMBER 7  
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SORTED BY ITEM SEQUENCE06/16/98  
PAGE 4LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 10/25/1997  
LEAD INSPECTOR: AEG  
REPORT #: 97-005

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		REVISE THE PRE FIRE PLAN BY MID=1998.
02	IFI				O		PROVIDE CLEARER IDENTIFICATION OF HE REGULATORY CO ITEM COMMENT TEXT: PLIANCE COMMITTEE'S OUTPUTS IN THE MEETING MINUTES.
03	IFI				O		DEVELOP AN AUDIT CHECKLIST AND AUDIT PLAN DETAILED ITEM COMMENT TEXT: AREAS OF THE AUDIT AND THE ACCEPTANCE.
04	IFI				O		PROVIDE TRAINING TO EXERCISE CONTROLLER /EVALUATOR ITEM COMMENT TEXT: SONNEL TO IMPROVE PERFORMANCE.
05	IFI				O		EXERCISE WEAKNESS FAILURE TO ACTIVATE A BOMB SEARCH ITEM COMMENT TEXT: TEAM IN ACCORDANCE WITH PROCEDURES.
06	IFI				O		EXERCISE WEAKNESS FAILURE TO INITIATE SEARCH, AND ITEM COMMENT TEXT: VIDE MEDICAL ATTENTION FOR THE MISSING INJURED EMPLOYEE.
07	IFI				O		EXERCISE WEAKNES: UNTIMELY RESPONSE BY SECURITY PE ITEM COMMENT TEXT: NEL TO UNLOCK THE SOUTH GATE.
08	IFI				O		REVIEW PHYSICAL SECURITY PLAN ACCESS CONTROL REQUI ITEM COMMENT TEXT: MENTS DURING A DRILL.
09	IFI				O		VERIFY ACTIONS TAKEN IN RESPONSE TO COMMUNICATIONS ITEM COMMENT TEXT: ING A BOMB THREAT.
10	IFI				O		VERIFY CORRECTIVE ACTIONS TAKEN TO ENSURE THE AUDI ITEM COMMENT TEXT: OF CWS ALARMS INSIDE THE RESPIRATORY PROTECTION FACILITY.

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INSPECTION FOLLOW-UP SYSTEM REPORT NUMBER 7  
LICENSEE ITEM LIST REPORT - REGION: 2  
SORTED BY ITEM SEQUENCE

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LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 06/24/1997  
LEAD INSPECTOR: AQU  
REPORT #: 97-003

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		FOLLOW-UP ON TESTING OF THE CENTRIFUGE INSTRUMENTA
							ITEM COMMENT TEXT: FOLLOW-UP ON TESTING OF THE CENTRIFUGE INSTRUMENTATION THE AMPER AGE SWICTCH HAD NOT BEEN TESTED.
03	IFI				O		FOLLOW UP ON ACTIONS TO SUPPLEMENT CSE DOCUMENTS
							ITEM COMMENT TEXT: FOLLOW-UP ON THE LICENSEE'S ACTIONS TO INCLUDE THE APPROPRIATE SUPPLEMENTAL INFORMATION WITH THE APPLICABLE CSE DOCUMENTS.

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LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 03/28/1997  
LEAD INSPECTOR: AQU  
REPORT #: 97-002

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
03	IFI				0		REVIEW OF THE INITIAL AUDIT OF THE MAINTENANCE PRO

ITEM COMMENT TEXT: TO BE PERFORMED BY EBSU IN SEPTEMBER 1997.



IFSC0308

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LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 03/06/1997  
LEAD INSPECTOR: WNB  
REPORT #: 97-001

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
04	VIO	4 / 6	10 CFR: 1071 12		O		USE OF SHIPPING CONTAINS WITHOUT REQUIRED MAINTENA

ITEM COMMENT TEXT:

CONTRARY TO THE CERTIFICATE OF COMPLIANCE, ON FEB. 3, 1997, TWO  
MODEL MCC FUEL SHIPPING CONTAINERS (M140 AND M230) WERE USED TO  
SHIP UNIRRADIATED FUEL AND THE CONTAINERS HAD NOT BEEN REINSPECT

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LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 04/29/1997  
LEAD INSPECTOR: WNB  
REPORT #: 97-000

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		FOLLOWUP ON LICENSEE ACTIONS TO INFORMATION NOTICE
ITEM COMMENT TEXT: SOME 30B UF6 CYLINDERS DO NOT MEET ANSI 14.1 STANDARD.							

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LICENSEE: WESTINGHOUSE ELECTRIC CORP.  
LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 11/01/1996  
LEAD INSPECTOR: AEG  
REPORT #: 96-003

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
06	IFI				O		VERIFY THE ACTIONS TO ENSURE TIMELY ACTIVATION AND

ITEM COMMENT TEXT: STAFFING OF THE EOC.

END JOB01179 U3DPIF08 6/16/98 KIRBY BOX 701  
END JOB01179 U3DPIF08 6/16/98 KIRBY BOX 701  
END JOB01179 U3DPIF08 9:51:56 KIRBY ?? R75.PR1 BOX 701  
END JOB01179 U3DPIF08 9:51:56 KIRBY ?? R75.PR1 BOX 701

COMPUTER CENTER

NATIONAL INSTITUTES OF HEALTH  
BUILDING 12, ROOM 1100, BETHESDA, MARYLAND 20892