

R2/E10

PERFORMANCE MEASURES TO BE INSPECTED AT: Westinghouse on 7-11 Dec. 98

INSPECTION REPORT NO.: 70-1151/98-10

1. Radiation Protection equipment operability checks
 - a. Assess equipment reliability
 - b. Can the equipment perform its intended safety function?
 - c. Assess adequacy of equipment calibration and functionality checks
2. Exposure control program
 - a. Verify that internal and external dose goals established
 - b. Review the exposure results for verification that exposures are less than limits in 10 CFR 20
 - c. Verify that employees follow procedures associated with exposure control
3. Radiation Protection surveys
 - a. Independent measurements
 - b. Observation of licensee performance
4. Observation of work activities with respect to ALARA principles
 - a. Assess effectiveness of RWP system
 - b. Our dose goals established and met
 - c. Assess personnel awareness regarding the ALARA program and management's commitment to ALARA
5. Review of open items from a previous inspection
 - IFI 98-05-01: Verify corrective actions to resolve procedural non-compliances associated with TLD issuance, collection, and storage.
 - IFI 98-05-02: Review in-vivo counting system cross-check results for accuracy and efficiency

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

7M-4

FUEL FACILITIES BRANCH INSPECTION PLAN

Revision Date: 12/2/96

Inspection of: Westinghouse on 7-11 Dec. 98 Inspection Report Number: _____
Licensee Dates (From → To)

On Site Hours Anticipated: 34 Back-shift Hours Anticipated: _____

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): C. Hughey

Licensee Contact: Jim Heath
Name

(803) 776-2610 ext. 3415
Telephone Number

Motel: Extended Stay-Columbia, SC
Name and Location

(803) 782-2025
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] 11-19-98
Signature Date

Additional Inspection Instructions from Branch Chief:

Branch Chief Approval: [Signature] 11/25/98
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

G:\PLANS\INSPECTI.PLA

IFSCO308

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

11/02/98
PAGE 1

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

070-01151

TRANSMITTAL DATE: 10/13/1998
LEAD INSPECTOR: AEG
REPORT #: 98-007

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		REVIEW CORRECTIVE ACTIONS TO IMPROVE TIMELY ACTIVA

ITEM COMMENT TEXT: AND STAFFING OF THE ECC

IFSC0308

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

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PAGE 2

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

070-01151

TRANSMITTAL DATE: 08/26/1998
LEAD INSPECTOR: DXA
REPORT #: 98-006

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	VIO	4 / 6	LIC COND: LCZZ		O		LACK OF 10 CFR 19.12 TRAINING.

ITEM COMMENT TEXT: CONTRARY TO 10 CFR 19.12, ALL REQUIRED INSTRUCTIONS WERE NOT PROVIDED TO 3 EMPLOYEES.

IFSC0308

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: 08/21/1998
LEAD INSPECTOR: AEG
REPORT #: 98-005

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		VERIFY CORRECTIVE ACTIONS TO RESOLVE NON COMPLIANC
							ITEM COMMENT TEXT: OCATED WITH TLD ISSUANC, COLLECTION, AND STORAGE.
02	IFI				O		REVIEW INVIVO COUNTING SYSTEM CROSS-CHECK RESULTS
							ITEM COMMENT TEXT: CCURACCY AND EFFICIENCY.

IFSCO308

INSPECTION FOLLOW-UP SYSTEM REPORT NUMBER 7
LICENSEE ITEM LIST REPORT - REGION: 2
SORTED BY ITEM SEQUENCE11/02/98
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LICENSE #: SNM-1107

070-01151

TRANSMITTAL DATE: 06/25/1998
LEAD INSPECTOR: WJT
REPORT #: 98-004

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
01	IFI				O		UPDATE SECURITY PLAN
						ITEM COMMENT TEXT:	REVISE SECURITY PLAN CLARIFY COMMITMENT.
02	VIO	4 / 3	LIC COND: LCZZ		O		INSTALLATION AND REPAIR TO PERIMETER FENCE, SIGNS,
						ITEM COMMENT TEXT:	FIX FENCE BARBED WIRE AND REPLACE SIGNS, SECURITY ISSUED EQUIP- MENT, INACCURATE DRAWINGS IN PLAN.
03	VIO	4 / 3	LIC COND: LCZZ		O		FAILURE TO CONTROL ACCESS
						ITEM COMMENT TEXT:	ESCORT VEHICLES AND DRIVER WHILE WITHIN CONTROLLED ACCESS AREA.

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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: 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

IFSC0308

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

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
02	VIO	4 / 4	LIC COND: LCZZ		0		SEVERAL EXAMPLES OF FAILURE TO FOLLOW REQUIRED WORK
							ITEM COMMENT TEXT: CONTRARY TO THE SECTIONS 3.2.1 AND 3.4.1 OF THE LICENSE APPLICATION THE LICENSEE FAILED TO CONDUCT ACTIVITIES IN ACCORDANCE WITH THE REQUIREMENTS FOR UTILIZING COMPUTER PROGRAMS AND/OR APPROVED
03	IFI				0		ASSESS ADEQUACY OF POST MAINTENANCE FUNCTIONAL TESTING
							ITEM COMMENT TEXT: PROCESS EQUIPMENT AND CONTROL SOFTWARE.

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INSPECTION FOLLOW-UP SYSTEM REPORT NUMBER 7
LICENSEE ITEM LIST REPORT - REGION: 2
SORTED BY ITEM SEQUENCE11/02/98
PAGE 7LICENSEE: 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.

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LICENSEE ITEM LIST REPORT - REGION: 2
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LICENSEE: 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.
03	IFI				O		DEVELOP AN AUDIT CHECKLIST AND AUDIT PLAN DETAILED -

ITEM COMMENT TEXT: AREAS OF THE AUDIT AND THE ACCEPTANCE.

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

SEQUENCE	ITEM TYPE	SEV / SPL	10CFR / LC / TD	EA NUMBER	STS	CLOSEOUT	TITLE
03	IFI				O		REVIEW OF THE INITIAL AUDIT OF THE MAINTENANCE PRO
ITEM COMMENT TEXT: TO BE PERFORMED BY EBSU IN SEPTEMBER 1997.							

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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: 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		0		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