

R2/E 31

PREDECISIONAL INFORMATION

Facility Name: Westinghouse Electric Company (Columbia, SC)

Screening Period: February 1, 1999 to January 31, 2000

Performance Overview:

The most recent Licensee Performance Review presented below was conducted during the screening period and provides an assessment of performance for the period of February 2, 1998 through January 8, 2000.

During this screening period, the licensee's performance generally has improved, particularly in preventive maintenance program implementation and management control of non-routine activities.



Ex. 4

During the screening period, the licensee completed the development of criticality safety evaluations and analyses that define the interim criticality safety bases utilized throughout the facility. These will be used as the backbone for development of Integrated Safety Assessments (ISAs) for each area using nuclear materials. ISAs have already been completed for the four process systems of highest risk significance. The ISAs are being used to identify safety-related equipment and administrative controls. Efforts to implement programs to assure availability and reliability of safety-related equipment, and incorporation of administrative controls into operating procedures will continue for several years.

The sale of Westinghouse's commercial nuclear business to BNFL was completed during the screening period. Some restructuring of corporate and facility management has occurred. The licensee's communications with NRC continues to slowly improve as new licensee management pervades.

Licensee Performance Review Summary (February 2, 1998 to January 8, 2000):

Significant Areas Needing Improvement

- Incorporating administrative criticality controls into operating procedures
- Consideration of failure modes in the design of engineered criticality safety controls
- Implementation of procedures for performing criticality safety evaluations
- [Redacted]

Ex. 4

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Significant Projected Challenges to Future Performance

- Implementing and maintaining criticality safety controls identified by the ISA
- Proper storage of combustible materials
- [
- Continued emphasis on timely activation and staffing of the Emergency Control Center

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Areas of Strength

- Self-identification of chemical safety hazards and implementation of associated controls through the Integrated Safety Assessment (ISA) program
- Plant emergency lighting capability
- Fire response training

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Westinghouse Highlights

Events (9101 and other issues) 2/1/99 - 1/31/00	7/99 - Fuel assembly with modified blanket pellet design shipped contrary to CoC. 2/99 - Fuel assembly with modified guide tube design shipped contrary to CoC.		
Occupational Exposure	<u>Collective Dose</u>		<u>Maximum TEDE</u>
	1997	188 person-rem	2.95 rem
	1998	222 person-rem	2.70 rem
	1999	290 person-rem	3.01 rem
Radioactive Liquid and Gaseous Effluent Releases	<u>Liquid (mCi)</u>		<u>Gaseous (uCi)</u>
	1997	U 53.0	430
	1998	U 42.0	464
	1999	U 51.0	453
	2000	U 124.0	501
Maximum Offsite Dose due to Gaseous Releases	1997	< 1 mrem	
	1998	< 1 mrem	
	1999	< 1 mrem	
Labor/Union Issues	None		
Major Management Changes	2/99 - Westinghouse Columbia Plant is purchased by British Nuclear Fuel Limited, et al. 9/99 - D. Goldbach appointed Manager, Regulatory Affairs replacing W. Goodwin.		

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PREDECISIONAL INFORMATION

**MAJOR ISSUES MATRIX
(Westinghouse - Columbia, SC)**

Date of Occurrence	Type of Issue	Description
2/22/99	Management	Final documents issued for sale of Westinghouse to Morrison-Knudsen and BNFL.
8/5/99	Criticality Safety	[REDACTED]
Entire period	Transportation	Three separate instances of Certificate of Compliance violations for shipment of fuel assemblies.

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