Westinghouse
Electric Corporation

Power Generation
Business Unit

Power Generation
Service Division

The Quadrangle
4400 Alafaya Trail
Orlando Florida 32826-2399

October 12. 1990

Clayton Environmental
22345 Roethel Drive
Novi, Michigan 48050

Attn.: Laboratory

RE: Asbestos verification "Rush"

Please test the enclosed samples on a "Rush" basis to determine if the materials are, or contain asbestos.

The samples are marked Gallatin Unit No 1 thru 4 and contain one or more samples of types materials of insulation found on the units.

Gallatin - Unit 1 has two types of insulation samples.
Unit 2 has two types of insulation samples.
Unit 3 has three types of insulation samples.
unit 4 has one type of insulation sample.

Please phone the results to Mr. G. T. (Jerry) Brady, Manager of Safety and Nuclear Security, 407-281-3495. If Mr. Brady is unavailable, please ask for or contact Bob Werner on 407-281-2027. Reports and billing should be forwarded to Mr. Brady's attention at: Westinghouse Electric Corp. - PGSD,4400 Alafaya Trail, MC 640, Orlando, Florida 32823-2399.

Thank you for your attention to this matter.

Sincerely,

Robert J. Werner
Safety and Security Administrator.

cc: file
G.T.Brady
R.Inskeep

enclosures - 4

Mr. G.T. Brady
Manager of Safety and Nuclear Security
WESTINGHOUSE ELECTRIC CORPORATION
Power Generation Service Division
4400 Alafaya Trail
Orlando, FL 32826-2399

Date Reported: 18-OCT-90
Date Received: 15-OCT-90
Clayton Project No. 68751-17

0029209

Dear Mr. Brady:

The following is our report on the samples submitted for analysis.

Lab Number	Sample Description	Asbestos Identification	Non-Asbestos Fibers	Non-Fibrous Materials
852401	UNIT 1A SOLID BROWN; [LAYER 1]homogeneous compressed white mineral mixture	[1]no asbestos detected	[1]25% mineral wool	[1]binder/ filler
	[LAYER 2]homogeneous compressed gray mineral mixture	[2]no asbestos detected	[2]45% mineral wool	[2]binder/ filler
852402	UNIT 2A SOLID WHITE MATERIAL; homogeneous compressed gray mineral mixture	no asbestos detected	2% mineral wool 15% fibrous glass	binder/ filler
852403	UNIT 3A TAN POWDER; homogeneous tan fiber and mineral mixture	no asbestos detected	25% mineral wool [illegible]% fibrous glass 10% synthetic fibers	binder/ filler
852404	UNIT 4; homogeneous compressed white fibrous mixture	no asbestos detected	90% fibrous glass	binder/ filler
852763	UNIT 1B WHITE FIBERS; [LAYER 1]homogeneous white fibers	[1]no asbestos detected	[1]10% mineral wool 80% fibrous glass	[1]binder/ filler
	[LAYER 2]homogeneous compressed white fibrous mixture	[2]no asbestos detected	[2]5% mineral wool 80% fibrous glass	[2]binder/ filler

Lab Number	Sample Description	Asbestos Identification	Non-Asbestos Fibers	Non-Fibrous Materials
852764	UNIT 2B WHITE STRING FIBERS; homogeneous white fibers	no asbestos detected	5% mineral wool 80% fibrous glass	binder/ filler
852765	UNIT 3B SOLID GREY; homogeneous compressed gray mineral mixture	no asbestos detected	45% mineral wool	binder/ filler
852766	UNIT 3C WHITE STRING FIBERS; homogeneous white fibers	no asbestos detected	5% mineral wool 80% fibrous glass 5% synthetic fibers	binder/ filler

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Analytical Method: U.S. EPA, "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA-600/M4-82-020, December 1982.

Percentages are visual estimates based on volume.

Limit of Detection: <1%
Limit of Quantitation: 1%

The reliable limit of quantitation of this method is 1%, although asbestos may be qualitatively detected at concentrations less than 1%. Samples for which asbestos is detected at <1% are reported as "trace, <1%". No asbestos detected (NAD) indicates that no fibers were observed.

Analyst: L. Hasspacher

Please note that any unused portion of the samples will be disposed of in 30 days, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. Please call our Client Services Department at (313) 344-1650 or me if you have any questions.

Robert Dieckfield Jr., CIH
Manager, Laboratory Services

c: Mr. Mark Perriello, CIH