



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

DEC 6 1993

Docket No. 040-00501

Aluminum Company of America
ATTN: Mr. Dan Ryan, Manager
Environmental/Industrial Hygiene
1600 Harvard Avenue
Cleveland, OH 44105

Dear Mr. Ryan:

On May 4, 1992, Mr. M. Gradert requested that the U.S. Nuclear Regulatory Commission provide a written release from further cleanup requirements for a certain area at the Cleveland Works where the operations of the Aluminum Company of America (ALCOA) Permanent Mold Division had been located. On November 20, 1992, the NRC released ALCOA Buildings 21, 22, 24, 25, 26, 70, 71, 72, 107, 111, 119, and 120 and the land areas adjacent to these buildings. Subsequently, ALCOA conducted remediation activities in ALCOA Building 65. Following the remediation, final survey results were provided to the NRC for review.

We reviewed your final survey results, documented in the following reports:

1. "Final Decommissioning Report for the Remediation of the Low Level Radioactive Contaminated Material Building 65 Ventilation System for the Aluminum Company of America Cleveland Forge Plant Cleveland Works," June 1993, submitted by Mr. D.W. Reisenweaver on July 2, 1993.
2. "Final Release Survey of the Building 65 Ventilation System for the Aluminum Company of America Cleveland Forge Plant Cleveland Works," Volumes 1 through 7, June 1993, submitted by Mr. D.W. Reisenweaver on July 2, 1993.
3. "Final Decommissioning Report for the Remediation and Release of the Building 65 Roof and Drainage System Including the Characterization of Four Adjacent Roofs for the Aluminum Company of America Cleveland Forge Plant Cleveland Works," July 1993, submitted by Mr. F. Rebmann on July 22, 1993.
4. "Final Release Survey of the Building 65 Roof for the Aluminum Company of America Cleveland Forge Plant Cleveland Works," Volumes 1 through 3, July 1993, submitted by Mr. F. Rebmann on July 22, 1993.
5. "Final Release Survey of the Building 65 Roof Drains for the Aluminum Company of America Cleveland Forge Plant Cleveland Works," Volume 4, July 1993, submitted by Mr. F. Rebmann on July 22, 1993.

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- 6. "Initial Roof Characterization Surveys of Buildings 5, 44, 52, and 53 for the Aluminum Company of America Cleveland Forge Plant Cleveland Works," Volume 5, July 1993, submitted by Mr. F. Rebmann on July 22, 1993.
- 7. Letter from F. Rebmann to T.C. Johnson, responses to NRC comments on ALCOA final survey report, September 8, 1993.
- 8. "Draft Report - Confirmatory Survey of Building 65, Roof, Lower Roof, Ventilation and Drainage Systems - Cleveland Works Facility - The Aluminum Company of America - Cleveland, Ohio," Oak Ridge Institute for Science and Education, November 5, 1993.

Based on the results of these surveys, ALCOA Building 65 meets our requirements for unrestricted release. Therefore, Building 65 is no longer subject to NRC jurisdiction and may be used without restriction. As you are aware, Chemetron Corporation has been requested to perform additional surveys on the land areas in the vicinity of their former facility on Harvard Avenue. At your suggestion, we have requested Chemetron to sample roof drain systems that run outside of ALCOA Building 65 and the other buildings of the Permanent Mold Division. We are currently evaluating Chemetron's responses to our comments on their vicinity survey plan. Until these additional surveys are performed, release of the land area adjacent to ALCOA Building 65 will be withheld.

On October 15, 1993, NRC inspectors performed a confirmatory survey of the grid location A,0, south of ALCOA Building 71. We expect that the results of this confirmatory survey will be documented by the end of December 1993. We will provide you the results when they are available.

If you have any questions, please contact me at 301-504-2560 or Mr. Timothy C. Johnson at 301-504-3603.

Sincerely,

Original Signed By

John H. Austin, Chief
 Decommissioning and Regulatory
 Issues Branch
 Division of Low-Level Waste Management
 and Decommissioning
 Office of Nuclear Material Safety
 and Safeguards

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