

210-8724



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

January 6, 1997

Mr. David C. Fannin  
Vice President  
Chemetron Corporation  
1615 South Congress Avenue, Suite 200  
Delray Beach, FL 33444

Dear Mr. Fannin:

In the letter from Mr. Theodore Adams dated January 22, 1996, he provided final survey data for McGean-Rohco Building 3A. On March 18, 1996, he provided final survey data for McGean-Rohco Buildings 10C, 10D, 10E, and related equipment. On May 31, 1996, he provided final survey data for the McGean-Rohco Buildings 3A North, 9 North, 18, and related equipment, and for equipment in Buildings 10D and 10E. In the letter from Mr. Adams dated August 9, 1996, he provided final survey data for McGean-Rohco Buildings 1, and 4, and the exteriors of Buildings 9 and 11. On September 23, 1996, he provided final survey data for the railroad siding. On September 30, 1996, Mr. Adams provided final survey data for the McGean-Rohco Building 1 roof and the exteriors of Buildings 5A, 5B, 6, 10, 14, 16, 17, 18 and 20. In these letters he requested that these buildings be released for unrestricted use.

The survey results indicate that the residual radioactive material on McGean-Rohco Building 3B, 3C, and Weld Shop interior and exterior surfaces, and Building 17 interior and equipment surfaces are less than the U.S. Nuclear Regulatory Commission's unrestricted use criteria for depleted uranium of less than 5,000 dpm/100 cm<sup>2</sup> average fixed alpha and beta-gamma activity; less than 15,000 dpm/100 cm<sup>2</sup> maximum fixed alpha and beta-gamma activity; less than 1,000 dpm/100 cm<sup>2</sup> removable alpha and beta-gamma activity; and exposure rate measurements for indoor areas are less than 5 uR/hr above background at 1 meter. These criteria are found in NRC's "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material," August 1987; and your proposed criteria cited in the "Site Remediation Plan Chemetron Remediation Project Harvard Avenue and Bert Avenue Sites Chemetron Corporation, Inc., Newburgh Heights, Ohio," October 1993. Revision 0, accepted in License Condition 14 of your license.

NRC and Oak Ridge Institute for Science and Education (ORISE) staff performed confirmatory surveys on June 17-20, 1996, and October 9-11, 1996, in the following McGean-Rohco areas:

1/0  
NRF

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Debate: ACaw

Building 1 interior and exterior;  
Building 3A interior;  
Building 4 interior and exterior;  
Building 5A exterior;  
Building 6 exterior;  
Building 9 North interior;  
Building 10C interior;  
Building 10D interior;  
Building 10E interior;  
Building 10 exterior;  
Building 18 interior;  
Building 20A exterior;  
Railroad siding on the south side of the property; and  
Outdoor area adjacent to Building 1.

The above confirmatory surveys are documented in NRC Inspection Report No. 040-08724/96002 (DNMS), "Confirmatory Survey, McGean-Rohco Buildings 1, 5A Exterior, 6 Interior, 10 Exterior, 20A Exterior, and Capped Waste Cell," dated December 6, 1996, and ORISE final report, "Confirmatory Survey of McGean-Rohco Buildings 3A, 4, 9, 10C, 10D, 10E, and 18, and related equipment, Chemetron Corporation, Cuyahoga Heights, Ohio, (Docket No. 040-08724; RFTA No. 96-28)," dated December 27, 1996.

NRC determined that a confirmatory survey of the interior and exterior surfaces of Buildings 3B, 3C, and the Weld Shop, and interior and equipment surfaces in Building 17 does not need to be performed. This decision is based on the results of past NRC confirmatory surveys of McGean-Rohco buildings. These previous confirmatory surveys demonstrated that your survey procedures and techniques are adequate to detect radioactive material in excess of the unrestricted use release criteria.

Based on the above, the interior and exterior of Buildings 1, 3B, 3C, 4, and the Weld Shop, and the interior and equipment in Buildings 3A, 9 North, 17, and 19 is acceptable for unrestricted use. In addition, the railroad siding on the south side of the property, and the outdoor area adjacent to Building 1 are acceptable for unrestricted use. Note that we have previously released the interiors and equipment in Buildings 10A, 10B, 10F and 10G (see letters dated March 23, 1995, June 16, 1995, and November 22, 1995). The above confirmatory surveys complete action on Building 10, which is also acceptable for unrestricted use. Since your surveys on Buildings 3A, 9 North, 17, and 18 did not include the exterior walls or roof, we cannot make a determination on whether the exterior surfaces are less than our unrestricted release criteria.

NRC will not require any additional decommissioning of the interior and exterior of Buildings 1, 3B, 3C, 4, 10, and the Weld Shop; and the interior and equipment surfaces of Buildings 3A, 9 North, 17, and 18; and the railroad siding and the outdoor area adjacent to Building 1 in response to future NRC

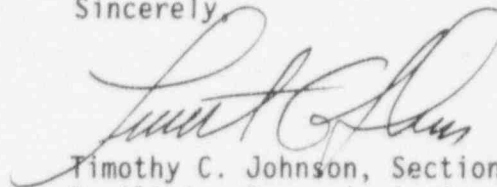
D. Fannin

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criteria or standards, except in the event that additional contamination, or noncompliance with the remediation of the McGean-Rohco buildings is found indicating a significant threat to public health and safety.

If you have any questions, please contact me at 301-415-7299.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Timothy C. Johnson', written in a cursive style.

Timothy C. Johnson, Section Chief  
Facilities Decommissioning Section  
Low-Level Waste and Decommissioning  
Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 040-08724  
License No. SUB-1357

D. Fannin

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criteria or standards, except in the event that additional contamination, or noncompliance with the remediation of the McGean-Rohco buildings is found indicating a significant threat to public health and safety.

If you have any questions, please contact me at 301-415-7299.

Sincerely,

[Original signed by]

Timothy C. Johnson, Section Chief  
Facilities Decommissioning Section  
Low-Level Waste and Decommissioning  
Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 040-08724

License No. SUB-1357

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