

January 25, 1995

DCD/DCB
J-207
11

Chemetron Corporation
ATTN: Mr. David R. Sargent
Vice President
2100 New River Center
200 East Las Olas Boulevard
Fort Lauderdale, FL 33301

SUBJECT: CONFIRMATORY SURVEY, MCGEAN-ROHCO BUILDINGS 3A, 11, 20A, 20C
FLOOR, AND FRYER PROPERTY VACANT LOT (INSPECTION REPORT NO.
040-08724/94006(DRSS))

Dear Mr. Sargent:

This refers to the special inspections and radiological confirmatory surveys conducted by Messrs. Kenneth Lambert and George McCann of this office on October 18-20, 1994; Messrs. Kenneth Lambert and Ed Kulzer on November 16-17, 1994; and Mr. Kenneth Lambert on November 28-December 1, 1994. This also refers to the review of analytical results of wipes and soil samples on December 21, 1994. The confirmatory surveys were conducted in response to your consultant's request to release Building 20C and the interior surfaces of Buildings 11 and 20A, and a portion of Building 3A for unrestricted use. In addition, an inspection and confirmatory survey was conducted during the remediation efforts at the Fryer Property.

The survey and sample results from the Fryer Property foundation indicated that residual radioactive material in the soil at the bottom of the foundation and on the foundation's cinder block walls was less than the NRC's unrestricted use criteria. The criteria for residual depleted uranium activity in soils is found in NRC's Branch Technical Position "Disposal or Onsite Storage of Thorium and Uranium Wastes from Past Operations", FR 46, 52061. The criteria for residual radioactive material on building surfaces is found in "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. We have no objection to you backfilling the foundation with clean fill material.

Your consultant's survey and sampling indicated that radioactive material in the soil north of the foundation is in excess of the unrestricted use criteria. In addition, the NRC confirmatory survey identified radioactive material along the east edge of the foundation in excess of the unrestricted use criteria. Therefore, please provide your plans, including a timetable, to further evaluate and remediate those areas within 60 days of the date of this report.

Building 20A confirmatory survey data indicated that residual radioactive material on the interior surfaces of the building was less than the unrestricted use criteria. However, the result of the sediment sample collected from the drain line in Building 20A indicated 38 picocuries per

9502080040 950125
PDR ADOCK 04008724
C PDR

070021

gram (1.4 becquerels per gram), which is in excess of the unrestricted use criteria. Therefore, please provide your plans, including a timetable, to evaluate the drain line within 60 days of the date of this report.

The confirmatory survey data indicated that residual radioactive material on the interior surfaces of Buildings 3A (northwest corner office only), 11, and Building 20C floor was less than the NRC's unrestricted use criteria. The interior and exterior walls, ceiling, and roof of Building 20C were previously surveyed by the NRC and those results are documented in Inspection Report No. 040-08714/94005(DRSS), which indicated residual radioactive material on Building 20C surfaces less than the NRC's unrestricted use criteria.

Since your surveys of Buildings 11 and 20A did not include the exterior walls or roof, they were not surveyed by the NRC as part of the confirmatory survey. Therefore, it has not been determined if the exterior surfaces are less than the unrestricted use criteria.

After reviewing your survey data and conducting our own confirmatory surveys, we conclude that further remedial action is not required for the Fryer Property foundation, interior surfaces of Buildings 3A (northwest corner office only) and 11, and Building 20C. Therefore, Building 20C and the interior surfaces of Buildings 3A (northwest corner office only) and 11 are released for unrestricted use.

The NRC will not require any additional decommissioning of Building 20C or the interior of Building 11 in response to future NRC 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.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC Public Document Room.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

Original Signed By
George M. McCann for
Gary L. Shear, Chief
Fuel Cycle and Decommissioning Branch

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

Enclosure: Inspection Report No.
040-08724/94006(DRSS)

See Attached Distribution

DOCUMENT NAME: B:\CHE94006.DSS

To receive a copy of this document, indicate in the box "C" = Copy without attach/enc1 "E" = Copy with attach/enc1 "N" = No copy

OFFICE	RIII	E	NMSS	E	RIII	N	RIII	N
NAME	Lambert <i>KAL</i>		Johnson <i>TCS</i>		Snell <i>WGS</i>		Shear <i>Amf GLD</i>	
DATE	01/20/95		01/29/95 <i>(T)</i>		01/20/95		01/ /95	

OFFICIAL RECORD COPY

Distribution:

cc w/encl: R. Owen, Ohio Department of Health
D. Schregardus, Director, Ohio EPA
K. Edwards, Mayor, Village of Newburgh Heights
L. Bacci, Mayor, Village of Cuyahoga Heights
K. Jones, Ohio EPA, N.E.D.O.
J. Barnette, AT-18J, U. S. EPA
T. Brady, Cuyahoga County Board of Health
The Honorable M. DeWine, U. S. Senate
The Honorable J. Glenn, U. S. Senate
The Honorable M. Hoke, U. S. House of Representatives
C. Trepal, Co-Director, The Earth Day Coalition
B. Koh, B. Koh & Associates, Inc.
T. Madden, OCA

bcc w/encl: T. G. Greeves, NMSS
J. H. Austin, NMSS
A. M. Huffert, NMSS
W. L. Axelson, RIII
PUBLIC (IE07)