

NOV 5 - 1984

MEMORANDUM FOR: Region III Files

THRU: D. J. Sreniawski, Chief, Nuclear Materials Safety Section 2

FROM: W. J. Slawinski, Radiation Specialist

SUBJECT: INSPECTION OF CHEMETRON CORPORATION DECONTAMINATION
ACTIVITIES, CLEVELAND, OHIO
DOCKET NO. 040-08724, LICENSE NO. SUB-1357

On October 18, 1984, W. J. Slawinski performed a site inspection of the Chemetron Corporation, McGean-Rohco facilities located at 2910 Harvard Avenue, Cleveland, Ohio. This also included the nearby dump site located between 28th and 29th streets at Bert Avenue in Newburgh Heights, Ohio. A similar site inspection was made on August 29, 1984.

The purpose of this inspection was to observe decontamination activities and assure that the licensee was in compliance with their "Decontamination Plan for the McGean-Rohco, Inc. Facilities" dated October 5, 1983. The inspector confirmed that the chain-link fence enclosing the dump site was appropriately posted. It was noted that the dump site is now not easily accessible since the breaches which previously existed in the fence have been repaired.

The following personnel were contacted:

Stephen Wilner - Alleghery International (phone contact)
Lee Booth - Manager, Midwest Regional Office, Radiation Management Corporation (RMC)
John Lusher - Health Physicist/Decontamination Project Coordinator, (RMC)

During this inspection, the following Health Physics aspects of the October 5, 1983 decontamination plan were reviewed:

I. Air Sampling

I. Air Sampling

- A. Air sampler previously located inside building 21A was removed. (Building demolished approximately Oct. 1, 1984). Other two samplers remain as previously noted in October 2, 1984 memo.
- B. Air sample results reviewed for August 29 - October 11, 1984
 - . Typical values approximately = 2×10^{-14} $\mu\text{Ci/ml}$
 - . Max value = 7×10^{-14} $\mu\text{Ci/ml}$
- C. Sampler flow rates = 60-65 liters/minute. Samples analyzed as previously noted in October 2, 1984 memo to files.

II. Bioassays

- A. Analyzed at RMC headquarters in Meriden, Connecticut.
- B. No positive values obtained thus far.

III. Contamination Surveys

- A. Release Criteria for facilities and equipment
 - . Fixed = 5000 dpm/100 cm^2 alpha
 - . Transferable = 1000 dpm/100 cm^2 alpha
- B. Performed a random survey record review. (Review period was from inception of decon project to the present).

IV. Access Control

- A. Front of building 21, near Harvard Road, currently being demolished. Temporary fence to be constructed off of Harvard Road to restrict access to facility.
- B. Access to contaminated sites controlled as previously noted.

V. Soil Sampling

- A. Taken over intersecting 10 square meter grids
- B. Concentrations determined as previously noted

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VIII. Conclusion & Status

- A. Licensee in compliance with October 5, 1983 decon plan.
- B. Dump site to be completed by October 22, 1984. NRC will be notified of such in letter to Donald Cool, Ph.D.
- C. Anticipate completion of entire decon project and initiation of Harvard Road area confirmatory surveys by end of November 1984.

W. J. Slawinski
W. J. Slawinski
Radiation Specialist

cc: W. L. Axelson

RIII
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11/1/84