

JAN 13 1997

Docket No. 040-08188

License No. SMC-1181

Mr. Bruce E. Peterson
Vice President
Ledoux & Company
359 Alfred Avenue
Teaneck, NJ 07666-5755

SUBJECT: INSPECTION NO. 040-03188/96-002

Dear Mr. Peterson:

On December 3, 1996, James M. Bandick of this office conducted a safety inspection at Ledoux & Company located in Teaneck, New Jersey of activities authorized by the above listed NRC license. The inspection was limited to an inspection of the warehouse facility, the contaminated area above the nuclear laboratory, and a review of documents submitted in support of your request to terminate License No. SMC-1181. In addition, the inspector examined the documents submitted with your correspondence dated December 2, 1996. The findings of the inspection were discussed with you and Edward P. Kehoe, at the conclusion of the inspection.

During this inspection, wipe tests and ambient dose rate measurements were taken in selected areas of the warehouse and the loft area above the nuclear laboratory and the exterior exhaust duct. The average removable contamination of 13 wipes taken on the floor in the warehouse was $3.3 \text{ dpm}/100 \text{ cm}^2$. The maximum removable gross beta contamination was $193 \pm \text{dpm}/100 \text{ cm}^2$ on the floor of the loft area. The wipe of the top of the exterior of the duct was $2.2 \pm 2 \text{ dpm}/100 \text{ cm}^2$. The range of the ambient dose rate readings in the warehouse was from 5 microR/hour to 20 microR/hr. The average ambient dose rate reading in the warehouse was 14 microR/hour. The maximum ambient dose rate was 300 microR/hour at the filter housing in the loft area above the nuclear laboratory. The results of the wipe tests or the ambient dose rate measurements do not exceed the current NRC guidelines or the requirements of your license.

Based on the results of this inspection, it appears that your activities were not conducted in full compliance with NRC requirements. A Notice of Violation is enclosed and categorizes each violation by severity level in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," (Enforcement Policy), NUREG 1600. You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. Your response may reference or include previous docketed correspondence, if the correspondence adequately

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addresses the required response. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

Please use the enclosed self-addressed green envelope when you respond to this letter to assist us in the timely processing of your response. In accordance with Section 2.790 of NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room (PDR). To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public. The responses directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Your cooperation with us is appreciated.

Sincerely,

ORIGINAL SIGNED BY:

John D. Kinneman, Chief
Nuclear Material Safety Branch 2
Division of Nuclear Materials Safety

Docket No.: 040-08188
License No.: SMC-1181

Enclosure:
Notice of Violation

cc w/enclosures:
Edward P. Kehoe, Radiation Safety Officer
State of New Jersey

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