

# **NL** Magnesium

June 4, 1979

UNITED STATES NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON TX 66011

ATTENTION: Mr. Glen D. Brown, Chief  
Fuel Facility & Material Safety Branch

SUBJECT: License #43-17202-01 (Notice of Violation)

Dear Mr. Brown:

In reply to your letter of May 10, 1979 (which we received on May 15, 1979), relating to an on-site inspection by Ms Jean Dawson on April 25, the following efforts have been underway in response to the many suggestions which Ms. Dawson made and to the Notice which was attached to your letter. We have:

- (1) Asked the Ohmart Company for copies of installation reports of all 13 sources to assure that our files are accurate. No response has yet been received. Follow-up to insure that the installation reports are received is in progress.
- (2) Sent a request to R. S. Launder, Jr. and Co. for copies of radiation badge reports. Copies have been received and our files are accurate and complete.
- (3) An internal memorandum had been issued by Mr. G. D. Shurts, Director Safety & Security (who is also the R.P.O.), stating that any source either to be purchased, or be disposed of, must be cleared through him. We have more firmly established the organizational flow and communicated this procedure to the appropriate personnel in the plant.
- (4) A letter was sent to Mr. Earl G. Wright, of the Washington, D.C. office, on May 10, 1979, requesting modification of the individuals authorized to use nuclear sources as stated on the license. No response has yet been received.

**NL Magnesium**/NL Industries, Inc.  
238 North 2200 West, Salt Lake City, Utah 84116  
Tel. (801) 532-2043, Rowley Plant (801) 532-1522

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Glen D. Brown, Chief  
June 4, 1979  
Page 2

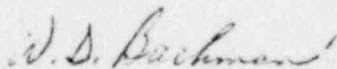
- (5) Another letter was sent to Mr. Earl G. Wright, of the Washington, D.C. office, on May 18, 1979, requesting a modification on the number of radiation sources and the total amount of millicuries. No response has yet been received.
- (6) A check-off file system has been established which incorporates the following:
  - A. Master check sheet.
  - B. License & N.R.C. correspondence.
  - C. Procedures and directives issued by Magnesium Division.
  - D. Wipe test and survey meter results.
  - E. Installation reports on nuclear gauges.
  - F. Radiation badge reports.
  - G. Personnel training.
  - H. Miscellaneous information.

As soon as NL Industries, Magnesium Division receives approval it seeks, we will advise you and provide you with a status report of our progress in this matter. Therefore, we request your patience until approval for modification has been received.

We also wish to state that Ms. Dawson was very polite, professional, and demonstrated a sincere interest in helping us improve our efforts in this area.

Should you have any questions concerning the information listed above, please feel free to contact me. Copies of all memorandums and letters are attached.

Cordially,



W. D. Bachman  
Plant Manager

Attachments

jj

# NL Magnesium

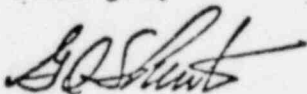
May 1, 1979

THE OHMART CORPORATION  
4241 ALLENDERF DRIVE  
CINCINNATI OH 45209

Dear Sir:

I have been trying to update and organize information as required by the N.R.C. and find that we are missing the installation reports and surveys for the thirteen (13) radiation sources. Would you please send the installation reports for the thirteen (13) gauges?

Thank you,



G. D. Shurts  
Director Safety & Security

jj

**NL** Magnesium

May 1, 1979

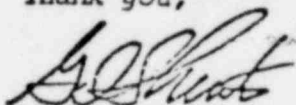
R. S. LANDAUER, JR & CO.  
GLENWOOD SCIENCE PARK  
GLENWOOD, IL 60425

Reference: Account 79933

Dear Sir:

In trying to update our files on Radiation Dosimetry Reports we find that many of the reports are missing. In order to be in compliance with the N.R.C. it is needed to have a complete file on film badge exposures. Therefore, would you please send a complete set of reports from the time your service began to the present.

Thank you,



G. D. Shurts  
Director Safety & Security

jj

**NL**Internal  
Memorandum

Date: May 1, 1979

To: ALL SUPERINTENDENTS

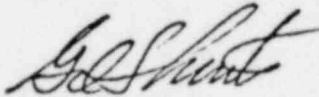
Unit: MAGNESIUM DIVISION

From: G. D. SHURTS

Unit: SAFETY &amp; SECURITY

Subject: RADIATION SOURCES

In the past we have had some radiation sources purchased and installed without receiving approval and clearance from the U.S.N.R.C. (United States Nuclear Regulatory Commission). To prevent this from happening again all radiation sources to be purchased must be cleared through the safety office. The safety office will submit requests to the U.S.N.R.C. for additional radiation sources. Until the U.S.N.R.C. has granted approval no radiation source can be purchased. Your cooperation will be needed to insure that the Magnesium Division does not violate the U.S.N.R.C. Regulations.



G. D. Shurts  
Director Safety & Security

jj

cc: D. W. Bryant

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