

MAY 17 1990

License File

University of Michigan
ATTN: William Krumm, Ph.D.
Associate Vice President
for Business Operations
5010 Fleming Building
Ann Arbor, MI 48109-1340

License No. 21-00215-04 30-1988
License No. 21-00215-05 30-291
License No. 21-00215-06 30-6958
License No. SUD-1398 40-8787
License No. SNM-179 70-192
License No. SNM-1377 70-1418
License No. SNM-1529 70-1856
License No. SNM-1835 70-2864

Gentlemen:

This refers to the safety team inspection conducted by Messrs. D. G. Wiedeman, J. L. Lynch, S. J. Mulay, other members of the NRC Region III, and Headquarters offices, and representatives from the U.S. Environmental Protection Agency; Michigan Department of Public Health and U.S. Food and Drug Administration on March 12-22, 1990. The purpose of this inspection was to review conditions in your facilities to determine if there are potential safety hazards that, when combined with facility operations, could adversely impact upon public health and safety.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

In addition to the above areas, the inspectors examined actions described in your letter dated September 10, 1987, regarding apparent violations found during our July 1987 inspection. We have no further questions regarding these matters.

During this inspection, certain of your activities under Licenses No. 21-00215-04, No. 21-00215-06, and No. SNM-1835 appeared to be in violation of NRC requirements, as specified in the enclosed Appendix; however, with respect to Items 2 and 3, the inspection showed that actions had been taken to correct the identified violations and to prevent recurrence. Our understanding of your corrective actions is described in Paragraphs VI(A)(7) and VI(A)(9) of the enclosed inspection report. Consequently, no reply to these violations is required and we have no further questions regarding these matters at this time. Regarding the remaining items, a written response is required. No violations were identified for the remaining licenses.

In addition to the apparent violations, the enclosed report identifies numerous concerns raised by the NRC team members which warrant the attention of management. These concerns are listed in an enclosure to this letter. In your response to this letter, please describe the actions you have taken, or plan to take, regarding each concern. Concerns raised by non-NRC team members are addressed in attachments to the inspection report. Responses

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to these concerns should be directed to the applicable agency. In general, we conclude that with the exception of the items addressed above, you have established adequate controls and policies as required by your NRC licenses and adequate industrial safety programs to protect members of the public, including your employees. In addition, we appreciate your responsiveness to the team inspection, and recognize the burden placed on your staff during this effort. However, because of your staff's complete cooperation, the team inspection effort was fully successful and the objectives of the inspection were completed.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosures, and your response to this letter will be placed in the NRC Public Document Room.

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.

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

Sincerely,

"Original signed by W. L. Arelson"

Charles E. Norelius, Director
Division of Radiation Safety
and Safeguards

Enclosures:

- 1. Notice of Violation
- 2. Concerns/Recommendations
- 3. Inspection Reports
 - No. 030-01988/90001(DRSS); No. 070-00192/90001(DRSS);
 - No. 030-00251/90001(DRSS); No. 070-01418/90001(DRSS);
 - No. 030-06958/90001(DRSS); No. 070-01856/90001(DRSS);
 - No. 040-08787/90001(DRSS); No. 070-02864/90001(DRSS);

See Attached Distribution

RIII ^{ges} Lynch/lms	RIII ^{ges} Wiedeman	RIII ^{5/10/90} Mulay ^{ges}	RIII ^{ges} C.L. for Canjano S/15KIC	WLD RIII B3m Mallett S/4KIC	RIII Norelius
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Distribution

cc w/enclosures:

DCD/DCB (RIDS)

Richard E. Cunningham, Director
Division of Industrial and
Medical Nuclear Safety

Glen L. Sjoblom, Deputy Director
Division of Industrial and
Medical Nuclear Safety

James Benetti, Health Physicist
U.S. Environmental Protection Agency

Deborah M. Arenberg, Health Physicist
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William W. Bosch, Industrial Hygienist
Michigan Department of Public Health

Dennis E. Swartz, Investigator
U.S. Food and Drug Administration

Mark L. Driscoll, Radiation Safety Officer
University of Michigan