

OCT 07 1986

Marquette University
ATTN: Dr. Michael A. McKinney
Chairman, Department of
Chemistry
1131 West Wisconsin Avenue
Milwaukee, WI 53233

License No. 48-02931-11

30-28836

Gentlemen:

This refers to the routine safety inspection conducted by Mr. M. A. Kunowski of this office on September 19, 1986, of activities authorized by NRC Byproduct Material License No. 48-02931-11 and to the discussion of our findings with you and Dr. Feng at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

During this inspection, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice. A written response is required.

In addition, at the conclusion of the inspection the inspector discussed with you and Dr. Feng the proposed repair of the irradiator by your electronics technician. From this discussion it is our understanding that (1) before the technician attempts to repair the device he will receive instruction per 10 CFR 19.12; (2) you will maintain a written record of his instruction and his acknowledgement of receiving the instruction; (3) you will use a properly calibrated instrument to measure exposure around the irradiator before, during, and after repair of the irradiator; (4) before beginning repair you will evaluate the extremity and whole body dose that could be received by the technician during the repair; and (5) Dr. Feng will be physically present to supervise the repair.

In your response, please confirm our understanding.

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.

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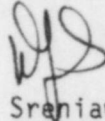
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We will gladly discuss any questions you have concerning this inspection.

Sincerely,

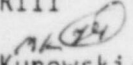


D. J. Sreniawski, Chief
Nuclear Materials Safety
Section 2

Enclosure: Notice of Violation


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DCS/RSB (RIDS)

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Kunowski/mj

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Sreniawski

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