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Purdue University
Physical Facilities Department
ATTN: Mr. Kenneth Burns
Vice President
West Lafayette, IN 47907

License No. 13-02812-04
License No. 13-02812-07
License No. SUD-296

Gentlemen:

This refers to the routine safety inspection conducted by Ms. C. C. Casey of this office between June 10-14, 1985, of activities authorized by NRC Byproduct Material Licenses No. 13-02812-04, No. 13-02812-07, and Source Material License No. SUD-296 and to the discussion of our findings with you, Dr. Gordon Born, and other members of your staff 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.

In addition to the above areas, the inspector examined actions described in your letter dated May 20, 1985, regarding apparent items of noncompliance found during our March 1980 inspection. One item of noncompliance was found as a repeat item of noncompliance during this inspection.

No items of noncompliance with NRC requirements were identified during the inspection of Licenses No. 13-02812-07 and No. SUD-296. However, during this inspection of License No. 13-02812-04, certain of your activities appeared to be in noncompliance with NRC requirements, as described in the enclosed Appendix. With respect to Item No. 3, the inspection showed that action had been taken to correct the identified noncompliance and to prevent recurrence. Consequently, no reply to this item of noncompliance is required and we have no further questions regarding this matter at this time.

Regarding the remaining items, a written response is required.

Item of noncompliance No. 1 is a repeat item. In your response to this item of noncompliance, please describe why your proposed corrective action is expected to be more successful in preventing future or similar noncompliances than the corrective actions specified in your May 20, 1980 letter.

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Purdue University

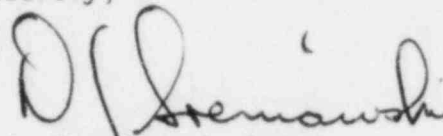
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The responses directed by this letter and the accompanying Notice (Order) are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

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

Sincerely,



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

Enclosure: Appendix,
Notice of Violation

cc w/enclosure:
Gordon Born, Ph.D.
DMB/Document Control Desk (RIDS)

yes
RIVE
Casey/Jp
07/01/85

yes
RIII
Sreniawski