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OCT 28 1985

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Indiana State University
ATTN: Mr. John Corrigan
Associate Dean
College of Arts and Sciences
Terre Haute, IN 47809

License No. 13-09639-05

Gentlemen:

This letter transmits the results of our laboratory analyses performed on eleven area wipe tests which were taken by NRC inspectors on July 11, 1985. The wipe tests were taken in various areas of rooms 272 and 280B of your Life Sciences Building and were analyzed for iodine-125 or gross beta, as appropriate. Findings of our July 11, 1985 inspection were originally transmitted to you by our letter dated August 30, 1985.

With the exception of one wipe test, all removable contamination levels were found to be less than 150 disintegrations per minute (dpm) of iodine-125 or gross beta. The exception was a wipe test taken from the base of a ring stand located inside a fume hood of room 272. This wipe revealed 4,600 dpm of removable iodine-125 contamination.¹ However, since this ring stand was within a fume hood of a restricted laboratory, it poses no significant radiological hazard. We do recommend that areas exhibiting such levels be decontaminated to limit the possible spread of contamination and maintain radiation levels in accordance with the As Low As Reasonably Achievable (ALARA) philosophy.

We apologize for the delay in obtaining these results.

Sincerely,

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

cc: Mark Oster, Ph.D., University
Radiation Safety Officer
DCS/RSB (RIDS)

¹ Errors are at the 67% (1-sigma) confidence level. "Less than" values are at the 95% confidence level.

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