




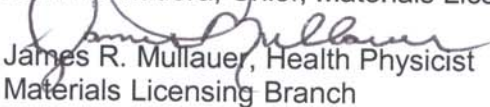
UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

AUG 24 2004

MEMORANDUM TO: Proposed New License File
(24-32522-01)

THRU:  John R. Madera, Chief, Materials Licensing and Inspection Branch

FROM:  James R. Mullauer, Health Physicist
Materials Licensing Branch

SUBJECT: PRE-LICENSING SITE VISIT - SPRINGFIELD PHARMACY
SOLUTIONS, INC., SPRINGFIELD, MISSOURI

DATE OF VISIT: July 16, 2004

PURPOSE OF VISIT: To discuss the Springfield Pharmacy Solutions, Inc. application for
a new nuclear pharmacy NRC license and evaluate the adequacy
of the proposed facility and radiation safety equipment.

The pre-licensing site visit was conducted in accordance with NUREG 1556, Vol. 20, to evaluate the adequacy of the proposed nuclear pharmacy facility. The equipment necessary to conduct nuclear pharmacy operations was not in place at the time of the pre-licensing site visit. Robert Stinchcomb, the proposed Radiation Safety Officer (PRSO) for Springfield Pharmacy Solutions Inc. was the applicant's representative during the pre-licensing site visit.

Observations

The proposed nuclear pharmacy facility was located in an industrial park distant from residential areas (See Attachment C). The building housing the proposed pharmacy is a one story all brick multiple office complex and the proposed pharmacy is located at the southern end of the complex (See Attachments A and B). During the tour of the facility, it was determined that radioactive material would not be used or stored near the common wall to the occupant at the north end of the pharmacy. The proposed facility layout appeared adequate for nuclear pharmacy operations (See Attachments D through G)

The facility was recently vacated by a telecommunications company and was unoccupied. The PRSO discussed structural changes planned for the office area of the facility and stated a final facility diagram would be provided after the City of Springfield approved the plan. The reviewer noticed that the facility did not have an electronic security system, however, the PRSO indicated that a security system would be installed prior to the start of licensed activities. Fire alarms and extinguishers were not observed in the facility, however, the applicant stated they will also be installed prior to the conduct of licensed activities. The function of fire alarms, security and radiation protection equipment will be tested by the State of Missouri prior to issuance of the State Pharmacy License. Radiation safety equipment such as, survey instruments, hand and foot monitors, dose calibrator stations, tables, fume hoods, waste storage bins, and dose calibrators had not been delivered at the time of this NRC pre-licensing site visit.

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The reviewer noticed a large window in the area of the proposed hot laboratory (see attachments H and I). The reviewer discussed with the PRSO his concern that the window could pose a security problem. The PRSO agreed that the window could pose a potential security problem and indicated that bars or other security measures would be taken prior to the start of licensed activity.

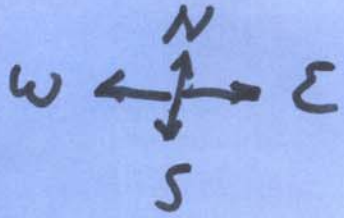
The PRSO indicated that the proposed pharmacy will not be ready for business until sometime in December, 2004, and is currently in the process of hiring pharmacy personnel. After Springfield Pharmacy Solutions, Inc. completes construction of its facility and installation of necessary radiation safety and handling equipment, the Missouri State Board of Pharmacy will conduct a facility inspection. The PRSO was informed that the NRC license would be issued after the Missouri State Board of Pharmacy completes its inspection and issues Springfield Pharmacy Solutions, Inc. a State Pharmacy license. In addition, the PRSO was informed of the 10 CFR Part 20 requirement to perform an initial evaluation of radiation levels in unrestricted areas around its facility after the NRC license is issued and radioactive material is received.

Conclusion:

The proposed facility layout appeared adequate from a structural and safety perspective for nuclear pharmacy operations. The alarm system and hot lab window issues will be addressed by the applicant prior to the Missouri State Board of Pharmacy inspection. The NRC nuclear pharmacy license will be issued after the Missouri State Board of Pharmacy has issued its pharmacy license.

cc: Marc Dapas
Gary Shear

Attachment A



north

south



B

Neighbor's Wall
Brick & steel Plate



C

Nearest Residence



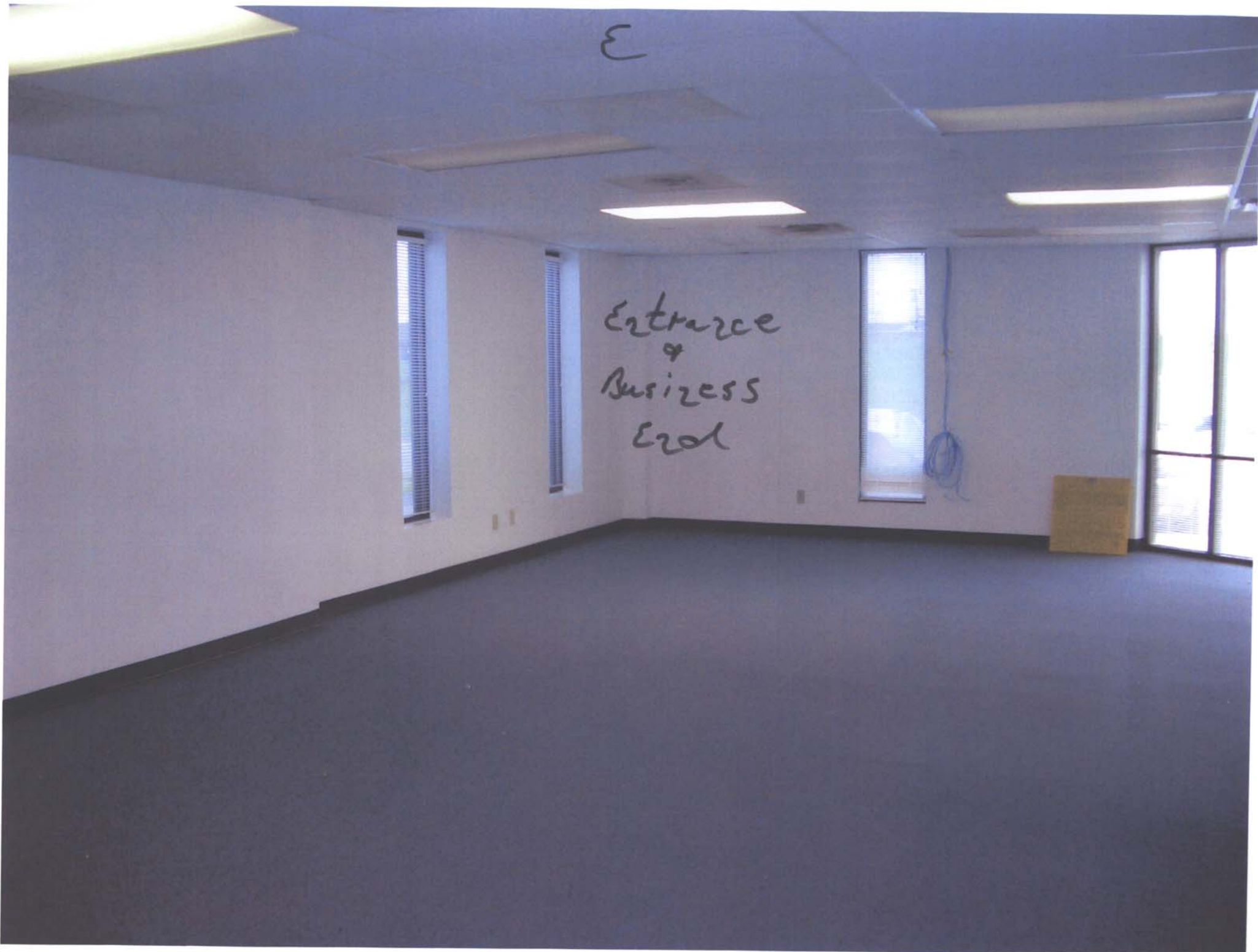
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Future Offices



E

Entrance
&
Business
E201



F

Future Hot Lab.



EXIT

G

EXIT

Door to Hot Lab



H

Hot Lab
Window



I
Hot Lab Window

