



**GOOD
SAMARITAN
MEDICAL CENTER**

KENNETH S. JAMRON,
F.A.C.H.A.
President

Deaconess Hospital Campus

620 North 19th Street
Milwaukee, Wisconsin 53233
414/933-9600

Lutheran Hospital Campus

2000 West Kilbourn Avenue
Milwaukee, Wisconsin 53233
414/344-8800

May 22, 1985

USNRC Region III
799 Roosevelt Road
Glen Ellyn IL 60137

ATTN: Ms. Pat Vacherlon

Dear Ms. Vacherlon;

This letter is being written to correct two misunderstandings resulting from our recent application for a medical radioactive materials license.

First, on the Calculations for Ventilation Requirements, the last paragraph of section I.A lists 550 cfm of exhaust and 1,000 cfm of "supply". In fact, the "supply" is 1,200 cfm of recirculated airflow, supplied from and returned to the fan system serving the scanning room. Consequently, the room is balanced (i.e. neither negative nor positive) relative to the corridor when the exhaust fan is not in operation, and negative when the exhaust fan is running. This situation is confirmed by the letter (attached) from Ring Du Chateau, Inc., the mechanical engineering consultants responsible for the design of the scanning room.

Second, Also on the Calculations for Ventilation Requirements, the first paragraph of Section II. A states that the scanning room exhaust fan will run for at least five minutes during each 133 Xenon patient procedure. In fact, the exhaust fan is intended to be operated only in the event of an accidental release of Xenon, as discussed under section III (Emergency Procedures).

Sincerely,

John Robert Hacker, P.E.

John Robert Hacker, P.E.
Director of Engineering.

JH/lmb

RECEIVED
MAY 23 1985
REGION III

8507260120 850621
REG3 LIC30
48-00988-01 PDR

MAY 23 1985

RING & DU CHATEAU, INC.

REGISTERED PROFESSIONAL ENGINEERS

Consulting Engineers

2900 NORTH 117TH STREET
MILWAUKEE, WISCONSIN 53222-4197
TELEPHONE (414) 778-1700

March 7, 1985

Good Samaritan Medical Center
Deaconess Campus
Dept. of Nuclear Medicine
620 North 19th Street
Milwaukee, WI 53233

Attn: Mr. Todd Kranpitz

Re: Nuclear Medicine

Dear Mr. Kranpitz:

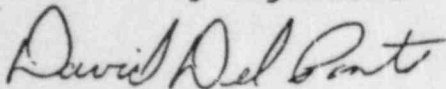
In reference to "Nuclear 2", we have specified a 550 CFM exhaust fan to exhaust Xenon gas. A 3-ton water-cooled air conditioning unit supplies and returns 1200 CFM of air to this room only. When the exhaust fan is "on", the room will be under a negative pressure and the 550 CFM make-up air will be transferred into the room from the corridor.

The Hot Lab exhaust hood is being provided with an exhaust fan which will maintain 100 FPM face velocity across the openable areas of the hood. This is in compliance with the code concerning hoods which are used for the handling of radioactive materials.

If there are any additional requirements for these areas please advise as soon as possible.

Very truly yours,

RING & DuCHATEAU, INC.
Consulting Engineers



David Del Ponte

DDP/sd

cc: PKR Architects: Gunnar Prowitz

CONVERSATION RECORD

TIME

11:09AM

DATE

5/30/85

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☐ OUTGOING

ROUTING

NAME/SYMBOL INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

(414) 937-5228

SUBJECT

SUMMARY

Mr. Kranpitz agreed to have the exhaust fan run at least 5 min. during each patient study.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

SIGNATURE

TITLE

DATE