



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

July 17, 1979

~~NRC PDR~~

JRA

Dockets Nos.: 50-317  
and 50-318

Mr. Joseph P. Jacobs, Administrator  
Calvert Memorial Hospital  
Prince Frederick, Maryland 20678

Dear Mr. Jacobs:

Your letter of June 15, 1979 has been referred to me for reply. The following is our response to each of your questions.

- (1) Is there a mandated requirement from your agency that one or more physicians be trained and available promptly in the care of the radioactively contaminated patient?

Response:

Yes; the Code of Federal Regulations 10 Part 50, Appendix E, Section IV requires an applicant in his Emergency Plan to describe:

"F. Emergency first aid and personnel decontamination facilities, including:

- ... 4. Arrangements for the services of a physician and other medical personnel qualified to handle radiation emergencies; and
- 5. Arrangements for transportation of injured or contaminated individuals to treatment facilities outside the site boundary.

G. Arrangements for treatment of individuals at treatment facilities outside the site boundary."

- (2) Is the annual "radiation drill" in which a radioactive contaminated patient is introduced in the hospital considered adequate?

Response:

Yes, such a drill fulfills one of the training requirements of the aforementioned Appendix E to 10 CFR 50. We do not require that the patient be actively contaminated; simulation is considered sufficient for the training exercise.

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- (3) What guidelines are available to the hospital as well as the community which address themselves to a nuclear accident which would require evacuation of the hospital?

Response:

Prince Frederick is approximately 13 miles from the Calvert Cliffs Nuclear Station. The recently published NRC document NUREG 0396 recommends a 10-mile Emergency Planning Zone for the inhalation pathway for extremely severe and extremely remote accidents at a nuclear power plant. No planning for predetermined actions such as shelter or evacuation is recommended beyond the 10 mile distance.

Recommended planning beyond the 10 mile distance is related to controlling radioactivity in dairy and agricultural pathways. No planning of this sort need directly involve your hospital.

The Department of Energy has published the enclosed booklets on Emergency Handling of Radiation Accident Cases for Physicians, Nurses, Ambulance-Rescue Squads, Hospital Administrators, which you may find to be of assistance.

I trust that this information responds to your needs.

Sincerely,



Darrell G. Eisenhut, Acting Director  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation

Enclosures:

1. 10 CFR Part 50, Appendix E
2. DOE/EV-0017, 0018, 0019,  
0020 - October 1978.