



UNIVERSITY OF MISSOURI-ROLLA

Nuclear Reactor Facility

Nuclear Reactor
Rolla, Missouri 65401-0249
Telephone: (314) 341-4236

July 11, 1984

Mr. Cecil O. Thomas, Chief
Standardization and Special
Projects Branch
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Docket No. 50-123

Dear Mr. Thomas:

Attached is the additional information regarding the Emergency
Plan for the University of Missouri-Rolla Reactor which you requested
in your letter of March 16, 1984

We hope that this information will be satisfactory to you and
your staff.

Sincerely,

Albert E. Bolon
Albert E. Bolon
Director

AEB:gf

Enclosure

cc: See next page

Cathy A. Taylor

*my commission expires
6/26/88*

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U.S. Nuclear Regulatory Commission
July 11, 1984
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cc w/enclosure(s):

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RESPONSE TO
EMERGENCY PLAN REVIEW

University of Missouri-Rolla Reactor

Facility License No. R-79

Docket No. 50-123

July 11, 1984

Introduction

Attached is the additional information requested regarding the Emergency Plan for the University of Missouri-Rolla Reactor, License No. R-79.

The information is presented in a question-and answer format with reference made to the appropriate revised page in the Emergency Plan.

The format of ANS1/ANS-15,16-1982 has been followed.

Section 3.2, Definitions

1. Define the terms exclusion boundary and control group which appear to be unique to the reactor facility.

Exclusion Area - The campus of the University of Missouri-Rolla shall constitute the exclusion area, in which the licensee has the authority to determine all activities including exclusion or removal of personnel and property from the area.

[See p. 3, Rev. 2.]

Control Group - Is the entire organization of individuals who would be responsible for controlling the response in the case of a release of radioactive material at the UMR Reactor. (See Figure 2 and Appendix B.)

[See p. 2, Rev. 2.]

Section 3.3, Organization and Responsibilities

1. Show in the block diagram (Figure 2) the interfaces with offsite support groups, such as those providing medical and fire fighting assistance.

The principal interface for Federal and State Agency offsite support will be established at the Chancellor's level and the interface for local offsite support will be at the ESC Director's level. The next person down on the organization chart is the proper succession.

[See p. 7, Figure 2, Rev. 2.]

2. Provide written agreements with all local support organizations, such as those providing fire fighting and police assistance.

The letters of commitment from the primary local support organizations, such as the Rolla Fire Department and the Director of University Police explaining the law enforcement pact have been added to Appendix A.

[See p. A-2 and A-3, Rev. 2.]

3. Include the line of succession for the Director, Administrative Planning, who is responsible for relating information about the emergency situation to the news media and the public.

In case the Director of Administrative Planning is not available to provide information to the news media, the line of succession would be the Dean of the School of Mines and Metallurgy, the Vice Chancellor for Administrative Services, and the Chancellor.

[See p. 15, Rev. 2.]

4. Provide a reference to Appendix B, which describes the functions of members of the emergency organization, in the appropriate sections of the plan.

Appendix B was referred to on line 2 of page 13. It is also referred

to on the last line of page 5.

Section 3.5, Emergency Action Levels

1. Establish action levels based on monitor readings, where appropriate, to facilitate emergency classification.

The Action Levels based on monitor readings of radiation levels for each of the three classes of emergency are given in Table I on page 11.

[See p. 11, Table I.]

Section 3.7, Emergency Response

1. Modify Appendix B to reflect the protective action guides specified in ANSI/ANS-15,16-1982, rather than the siting criteria of 10 CFR 100.

Page B-5 has been changed from 10 CFR 100 to ANSI/ANS-15,16-1982.

[See p. B-5, Rev. 2.]

Section 3.10, Maintaining Emergency Preparedness

1. Describe the training program, to include classroom training for onsite and offsite personnel who have specific emergency assignments.

Classroom training for reactor and onsite personnel who have specific emergency responsibilities will be incorporated into the annual Requalification Program that is required of the licensed operators. The Training Director, who is appointed by the Reactor Director, will be responsible for the nature and content of the classroom presentation regarding the Emergency Plan and associated SOPs.

Offsite personnel, especially the Rolla Fire Department, the Regional Medical Center, and the State Highway Patrol will be given instructions regarding their responsibilities in the event of an emergency by the Campus Health Physicist. This training will be provided on an annual basis.

[See p. 24, Rev. 2.]

2. Include a description of annual emergency drills which test major aspects of the emergency plan, including the use of appropriate emergency equipment.

An onsite emergency drill which tests the major aspects of the Emergency Plan, including the use of appropriate emergency equipment will be conducted on an annual basis.

At least once every three years the emergency drill will contain provisions for coordination with offsite emergency personnel and should test, as a minimum, the communication links and notification procedures with those offsite organizations.

The Reactor Manager will provide for critiques of the drills and for correction of deficient actions and procedures.

[See p. 24, Rev. 2.]

3. Provide the title of the individual responsible for updating the emergency plan and procedures. Section 10.2 specified responsibilities of the Reactor Director for plan review and Appendix B indicates that the Director, Administrative Planning has responsibilities for plan review.

Appendix B should be changed from the Director, Administrative Planning, to the Reactor Manager or his appointed representative.

[See p. B-3 and B-4, Rev. 2.]

Change Section 10.2 from Reactor "Director" to Reactor "Manager." Add a sentence to Section 10.2 immediately after the first sentence, "The Reactor Director will review the proposed changes and/or revisions and will approve them if they are satisfactory."

[See p. 24, Rev. 2.]

4. Include provisions, in the plan, to ensure that changes and revisions to the emergency plan and procedures are reviewed, approved, and distributed to the appropriate elements of the emergency organization.

The provisions for review and approval are described in the response to the previous issue. Add the following paragraph to the end of Section 10.2, "Individuals or organizations directly affected by changes and/or revisions of the Emergency Plan or associated procedures will be notified in writing and revised pages of those documents will be distributed to those persons who have copies of the Emergency Plan."

[See p. 24, Rev. 2.]

Corrigenda
EMERGENCY PLAN

University of Missouri-Rolla Reactor

Facility License No. R-79

Docket No. 50-123

The following pages have been revised or changed and supersede the pages in the Rev. 1, October 25, 1982 version. Please insert Rev. 2 in your copy of the Emergency Plan.

Rev. 2

July 11, 1984