

Docket No. 50-263

DISTRIBUTION
~~Docket~~
 NRC PDR
 Local PDR
 ORB #2 Reading
~~TJCenter~~
 DLZiemann
 RMDiggs
 RPSnaider
 PWO'Connor
 JMMcGough
 OELD - SLewis/Riddle
 OI&E (3)
 DEisenhut
 TBAbernathy
 JRBuchanan
 ACRS(16)
 RBevan

MAR 15 1977

Northern States Power Company
 ATTH: Mr. L. O. Mayer, Manager
 Nuclear Support Services
 414 Nicollet Mall - 8th Floor
 Minneapolis, Minnesota 55401

Gentlemen:

RE: MORTICELLO NUCLEAR GENERATING PLANT

As you may be aware, the provision for "an individual qualified in radiation protection procedures to be on site when fuel is in the reactor" has been a technical specification requirement for the majority of operating facilities for the past several years. The intent of this requirement was to provide at least a minimum level of expertise in radiological protection at the operating shift crew level. It was intended that these radiation protection personnel would perform routine radiation monitoring activities and thereby supplement licensee efforts to maintain radiation exposure and release of radioactive effluents "as low as is reasonably achievable".

As a result of recent NRC staff discussions, we have formalized our position regarding the necessary activities "individuals qualified in radiation protection procedures" should be able to perform. These activities and related clarifying information are presented for your information in the attached enclosure.

The OI&E Inspector assigned to your facility will be using these same criteria in determining whether your designated individuals meet these requirements. We recommend you review the enclosed criteria promptly so that you may take any action necessary to meet the requirements.

9105220310 770315
 PDR ADDCK 05000263
 P PDR

OFFICE ➤					
SURNAME ➤					
DATE ➤					

MAR 15 1977

We also note that your facility technical specifications do not require that the individual performing the function of Radiation Protection Engineer (RPE) meet the minimum qualification requirements of Regulatory Guide 1.8, September 1975. As stated in this guide, it is the NRC position that if the RPE is reassigned or the incumbent replaced, the new RPE should have qualifications equivalent to those stated in this guide.

To implement this provision, we request that you determine if the individual performing the function of Radiation Protection Engineer meets the minimum qualifications of Regulatory Guide 1.8, September 1975. In the event the RPE is so qualified, you should propose a technical specification to be included in the Administrative Controls Section which states that "the Radiation Protection Engineer shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975".

In the event you determine that the present incumbent does not meet the minimum requirements of the guide, you should advise us of this fact and provide a written commitment that the successor to the incumbent will be so qualified and that you will propose a technical specification to that effect at that time.

The above action should be completed within 60 days of receipt of this letter. In the event you should desire further discussion of these matters, please contact us.

Sincerely,

Original signed
Don K. Davis

Dennis L. Ziemann, Chief
 Operating Reactors Branch #2
 Division of Operating Reactors

Enclosure:
 Criteria for "Individuals
 Qualified in Radiation
 Protection Procedures"

cc w/enclosure:
 See next page

OFFICE →	DOR-ORB #2	DOR:STS	DOR:ORB #2		
SURNAME →	RPSnaider:ah	J. Mose	DL Ziemann		
DATE →	3/14/77	3/19/77	3/15/77		

cc w/enclosure:
Gerald Charnoff, Esquire
Shaw, Pittman, Potts and
Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Arthur Renquist, Esquire
Vice President - Law
Northern States Power Company
414 Nicollet Mall
Minneapolis, Minnesota 55401

Howard J. Vogel, Esquire
Legal Counsel
2750 Dean Parkway
Minneapolis, Minnesota 55416

Mr. Kenneth Dzugan
Environmental Planning Consultant
Office of City Planner
Grace Building
421 Wabasha Street
St. Paul, Minnesota 55102

Sandra S. Gardebring
Executive Director
Minnesota Pollution Control Agency
1935 W. County Road B2
Roseville, Minnesota 55113

Anthony Z. Roisman, Esquire
Roisman, Kessler and Cashdan
1025 15th Street, N. W., 5th Floor
Washington, D. C. 20005

The Environmental Conservation Library
Minneapolis Public Library
300 Nicollet Mall
Minneapolis, Minnesota 55401

CRITERIA FOR "INDIVIDUALS QUALIFIED
IN RADIATION PROTECTION PROCEDURES"

An individual is considered to be qualified in radiation protection procedures when a licensee certifies that each designated individual is capable of successfully accomplishing the following activities as required by federal regulations, license conditions, and facility procedures pertaining to radiation protection.

1. Conduct special and routine radiation, contamination and airborne radioactivity surveys and evaluate the results.
2. Establish protective barriers and post appropriate radiological signs.
3. Establish means of limiting exposure rates and accumulated radiation doses, including the use of protective clothing and respiratory protection equipment.
4. Perform operability checks of radiation monitors and survey meters.
5. Recommend appropriate immediate actions in the event of a radiological problem and perform necessary activities until the arrival of health physics personnel.
5. Conduct other routine radiological duties (e.g., TS surveillance items) as may be required on backshifts or weekends.