

Duke Power Company  
McGuire Nuclear Station  
12700 Hagers Ferry Road  
Huntersville, NC 28078



**DUKE POWER**

August 27, 1996

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20666

Subject: McGuire Nuclear Station  
Docket Nos. 50-369, 50-370  
License Nos. NPF-9, NPF-17  
Emergency Plan Change

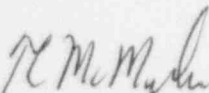
Ref.: Respiratory Qualification Submittal  
Rev. 95-2

Revision 95-2 to the McGuire Emergency Plan revised Section J.6 in accordance with 10CFR50.54(q). In this submittal there were areas of NRC concern related to the requirements for members of the emergency response organization to be respirator qualified and to the intended use of respirators during an actual emergency.

The purpose of this letter is to return Section J.6 back as originally approved by the NRC.

By copy of this letter, two copies are being provided to NRC Region II, Regional Administrator.

Yours Truly,

  
T.C. McMeekin

TCM/tsb

Attachment

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U.S. Nuclear Regulatory Commission

August 27, 1996

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xc: w/two copies of attachments

S.D. Ebnetter

Regional Administrator

U.S. Nuclear Regulatory Commission

Region II

101 Marietta Street, NW, Suite 2900

Atlanta, Georgia 30323

w/o attachment

Victor Nerses

U.S. Nuclear Regulatory Commission

Office of Nuclear Reactor Regulation

Washington, D.C. 20555

NRC Site Resident

McGuire Nuclear Site

E.M. Kuhr (EC050)

Electronic Licensing Library (EC050)

E.P. File 1502

August 27, 1996

MEMORANDUM

To: All Holders of the McGuire Emergency Plan

Subject: McGuire Emergency Plan

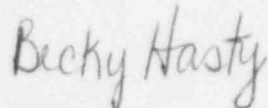
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The purpose of this letter is to return Section J.6 back as originally approved by the NRC.

Please update your Emergency Plan manual as instructed on Attachment 1.

If there are any questions, please call me at 704/875-4662.

Sincerely,



Becky Hasty  
Emergency Planning Manager  
McGuire Nuclear Station

RLH/tsb

Attachment: Emergency Plan Revision

cc: EP File 1502

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## J.5 Personnel Accountability

Within thirty minutes of a Site Assembly, all persons within the Protected Area at the McGuire Nuclear Site can be accounted for and any person(s) determined to be missing, will be identified by name. RP/0/A/5700/11, Conducting a Site Assembly or Evacuation, provides for the accounting of personnel (on site) continuously thereafter.

## J.6 Protective Equipment - Breathing Apparatus, Protective Clothes, KI

Protective equipment and supplies will be distributed to and used by personnel remaining on site or arriving on site during the emergency to minimize the effects of radiological exposures or contamination. Protective measures to be utilized are as follows:

Individual Respiratory Protection - Respiratory protective equipment will be used when airborne radioactivity levels exceed the appropriate limits specified in 10CFR20, Appendix B.

Self-contained breathing apparatus will also be used in areas that are deficient in oxygen or when fighting fires. Respiratory protective equipment will be issued by Radiation Protection or Safety and Health Services. Self-contained breathing apparatus are available with other fire fighting equipment for use by the site fire brigade.

Individual Thyroid Protection - All efforts should be made to utilize respiratory protective equipment to minimize ingestion and/or inhalation of radionuclides and to maintain internal exposure below the limits specified in 10CFR20, Appendix B. However, if an unplanned incident involves the accidental or potential ingestion or inhalation of radioactive iodine, Potassium Iodide Tablets (KI) are available to distribution by HP/0/B/1009/16, Distribution of Potassium Iodide Tablets in the Event of a Radioiodine Release.

Use of Protective Clothing - Protective clothing will be issued when contamination levels exceed 1000 dpm/100 cm<sup>2</sup> beta-gamma and 20 dpm/100 cm<sup>2</sup> alpha of smearable contamination. Protective clothing items are located in the Change Rooms inside the Radiation Control Area, available for emergency use. Special fire-fighting protective clothing and equipment is available in designated site supply storage areas for use by fire brigade personnel.