



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

Jea

AUG 25 1980

Docket Nos.: 50-369
and 50-370

Duke Power Company
ATTN: Mr. William O. Parker, Jr.
Vice President - Steam Production
Post Office Box 33189
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Parker:

Subject: Radiation Protection - Request For Additional Information
(McGuire Nuclear Station, Units 1 and 2)

As a result of our review of your application we find that we are in need of additional information which is described in the enclosure.

We request that you provide the requested information no later than September 2, 1980. This request was previously provided to your staff. In order for us to meet your fuel load schedule, we urge you to provide a complete and satisfactory response.

Sincerely,

Robert L. Tedesco

Robert L. Tedesco, Assistant Director
for Licensing
Division of Licensing

Enclosure:
As stated

cc w/encl.:
See next page

8009090677

Request For Additional Information
McGuire Nuclear Station Units 1 and 2

- 331.18 The McGuire response to NUREG-0578, Item 2.1.8.c proposes the use of portable survey instruments in conjunction with silver zeolite cartridges to determine radioiodine concentrations for respiratory use. Explain whether this procedure will be used as a substitute for, or in conjunction with standard radioiodine sampling and analysis systems outlined in the "clarifications" of the NUREG-0578 clarification letter dated 11/19/79. Also provide a description of the method for evaluation.
- 331.19 Provide a commitment to complete alternate auxiliary building telltale valve sampling procedures by January 1, 1981 in lieu of modifications to the Unit 1 sampling room.
- 331.20 Provide an explanation as to why the Waste Gas Treatment System was not included in the evaluation as a potential highly radioactive system or provide the results of the evaluation of this system.
- 331.21 Verify that the environmental and seismic qualifications of the proposed radiation monitors meets the position of NUREG-0578, Item 2.1.8.b as stipulated in the requirements of Regulatory Guides 1.89, 1.97 Rev. 2 (ANSI N320-1978) and 1.100.
- 331.22 Provide a commitment to calibrate the proposed high radiation monitors at each refueling outage (at least every 18 months) as a minimum in accordance with the staff position on NUREG-0578, Item 2.1.8.b and according to the Technical Specifications for all Radiation Monitoring Instruments (3/4 3.3, Table 4.3-3).

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