

Docket Nos: 50-369
and 50-370

NOV 02 1984

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Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

Subject: Disposal of Low-Level Contaminated Wastewater
(McGuire Nuclear Station, Units 1 & 2)

By letter dated June 18, 1984, you requested approval pursuant to 10 CFR 20.302 of a proposed procedure associated with disposal of slightly contaminated water treatment sludge using a landfarming site contiguous to the McGuire Station site. Supplemental information was provided by your letter of July 18, 1984.

Pursuant to 10 CFR 150.15(a)(1), the Commission's regulatory requirements include handling (i.e, dredging and transport) and storage (i.e, landspreading) of radioactive wastes. Disposal aspects of the procedure (i.e., incorporation of the sludge into the soil and covering) are the regulatory responsibilities of Agreement States (i.e, North Carolina Department of Natural Resources and Community Development).

Based on our review of your proposal, we conclude that the portions of your procedure regarding handling and storage are acceptable. This acceptance recognizes that the applicable procedures described in Section 4.0, Disposal Method and Section 6.0, Radiation Protection, will be fully implemented. Of particular significance to our acceptance is the addition to your sampling provision under Section 4.3, that the analysis of the sludge shall be obtained before it is transferred and that no batch shall be landspread if its average Co-60 content exceeds 0.5 p Ci/cm³.

Pursuant to 10 CFR 51.32, the Commission has determined that granting the approval for handling and storage of the low-level residue will have no significant impact on the environment (49 FR 43136).

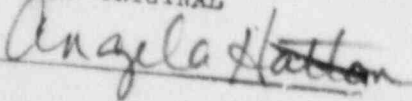
Sincerely,



Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

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*Note: See previous white for concurrence

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