



H. B. Barron
Vice President

Duke Energy Corporation

McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-9340

(704) 875-4800 OFFICE

(704) 875-4809 FAX

May 30, 2001

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Subject: Duke Energy Corporation
McGuire Nuclear Station
License Numbers NPF-9 and NPF-17
Docket No. 72-1021
Independent Spent Fuel Storage Installation (ISFSI)

By letter dated March 28, 2000, the NRC issued Certificate of Compliance number 1021 for use of the Transnuclear (TN-32A) Inc., dry cask storage system at McGuire Nuclear Station. In accordance with 10 CFR 72.212 (b) (1) (ii), Duke hereby registers the use of cask Serial Numbers TN-32A-53 and TN-32A-54 with the Nuclear Regulatory Commission. Loading of these casks was completed on May 17, 2001 and May 23, 2001.

Questions on this submittal should be directed to Kay Crane, Technical Specialist, McGuire Regulatory Compliance at (704) 875-4306.

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Mr. L. A. Reyes, Regional Administrator
U. S. Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, GA 30303 - 3415

Mr. Robert E Martin
U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Mr. Scott Shaeffer
NRC Senior Resident Inspector
McGuire Nuclear Station

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