

DUKE POWER COMPANY
P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

April 8, 1986

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTENTION: B.J. Youngblood, Director
PWR Project Directorate #4

Subject: McGuire Nuclear Station
Docket Nos. 50-369, -370

Dear Mr. Youngblood:

By letter dated December 23, 1985, Duke provided information regarding the radiological aspects of UHI removal and related radiological impacts on plant operations.

In a conference call on April 7, 1986 the NRC Project Manager for McGuire requested additional details relative to the radioactive waste expected to be generated. This additional information is attached.

Very truly yours,

H.B. Tucker
Hal B. Tucker

RLG/jgm

Attachment

xc: Mr. Darl Hood, Project Manager
Division of Licensing
Office of Nuclear Regulatory Commission
Washington, D.C. 20555

W.T. Orders
NRC Resident Inspector
McGuire Nuclear Station

Dr. J. Nelson Grace
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

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Add. NRR PWR-A ADTS
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bxc: N.A. Rutherford
R.O. Sharpe
J.B. Day
J.G. Torre
S.A. Gewehr
P.B. Nardoci
M.L. Birch
D.R. Bradshaw
L. Lewis
T.L. McConnell
E.O. McCraw
A.L. Snow
W.D. Reckley
MC-801.01

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION

Additional Information Related to UHI Removal
Expected Radioactive Waste

	<u>Estimated Activity</u>
a) Equipment with low radiation and contamination levels:	0.2 Ci
b) Equipment with medium radiation and contamination levels:	0.5
c) Equipment with high radiation and contamination levels:	5.2
d) NI check valves:	0.5
e) Hanger materials:	0.2
TOTAL	6.6 Ci

This total estimated activity is approximately 3.0% of the total activity shipped from McGuire in solid waste in 1985.

A final decision on the best disposal method has not yet been made. With the four disposal options we estimate the following:

	Waste Volume	Waste Activity	Recyclable Volume	Recyclable Activity
Option 1	807 ft ³	6.6 Ci	0	0
2	1 ft ³	6.6 Ci	806 ft ³	<MDA
3	1 ft ³	6.6 Ci	806 ft ³	<MDA
4	1 ft ³	6.6 Ci	806 ft ³	<MDA

Disposal of all materials shall be performed in accordance with applicable regulatory requirements.