



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

**REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET SW SUITE 23T85  
ATLANTA, GEORGIA 30303-8931**

November 27, 2000

Duke Energy Corporation  
ATTN: Mr. H. B. Barron  
Vice President  
McGuire Nuclear Station  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - MCGUIRE  
NUCLEAR STATION**

Dear Mr. Barron:

On November 8, 2000, the NRC staff completed its mid-cycle plant performance assessment of McGuire Nuclear Station. The mid-cycle review for McGuire Nuclear Station involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period of April 2, 2000, through September 30, 2000. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct baseline inspections at your facility through September 30, 2001. Included in our inspection plans will be the review of activities related to your Independent Spent Fuel Storage Installation.

The enclosure details the scheduled inspections that will occur through September 30, 2001. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room). If circumstances arise which cause us to change this inspection plan, we will contact you to

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discuss the change as soon as possible. Please contact me at (404) 562-4550 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Robert Haag, Chief  
Reactor Projects Branch 1  
Division of Reactor Projects

Docket Nos. 50-369, 50-370  
Licensee Nos. NPF-9, NPF-17

Enclosure: McGuire Nuclear Station Inspection/Activity Plan

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**McGuire**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>BP1-PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION &amp; RESOLUTION</b>	<b>3</b>			
1, 2	IP 71152	Identification and Resolution of Problems		12/04/2000	12/15/2000	Baseline Inspections
	<b>MB-ISFSI</b>	<b>- ISFSI 72.212 REVIEW</b>	<b>1</b>			
1, 2	IP 60856	Review of 10 CFR 72.212(b) Evaluations		12/11/2000	12/15/2000	Other Routine
	<b>MB-ISFSI</b>	<b>- CASK DRY RUN</b>	<b>1</b>			
1, 2	IP 60854	Preoperational Testing Of An ISFSI		01/08/2001	01/12/2001	Other Routine
	<b>MB-MODS</b>	<b>- PERM PLT MODS &amp; 50.59</b>	<b>4</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/08/2001	01/12/2001	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		01/08/2001	01/12/2001	Baseline Inspections
	<b>MB-ISFSI</b>	<b>- CASK LOADING - WK 1</b>	<b>1</b>			
1, 2	IP 60855	Operation Of An ISFSI		01/15/2001	01/19/2001	Other Routine
	<b>MB-ISFSI</b>	<b>- CASK LOADING - WK 2</b>	<b>1</b>			
1, 2	IP 60855	Operation Of An ISFSI		01/22/2001	01/26/2001	Other Routine
	<b>MB-ISI</b>	<b>- U1-ISI</b>	<b>1</b>			
1	IP 7111108	Inservice Inspection Activities		03/12/2001	03/16/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		03/19/2001	03/23/2001	Baseline Inspections
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		03/26/2001	03/30/2001	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		03/26/2001	03/30/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/26/2001	03/30/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		04/16/2001	04/20/2001	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		04/16/2001	04/20/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		06/04/2001	06/08/2001	Baseline Inspections
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/04/2001	06/08/2001	Baseline Inspections
	<b>MB MR</b>	<b>- MAINT RULE</b>	<b>1</b>			
1, 2	IP 7111112B	Maintenance Rule Implementation		06/11/2001	06/15/2001	Baseline Inspections
	<b>OL EP</b>	<b>- EMERGENCY PREPAREDNESS</b>	<b>2</b>			
1, 2	IP 7111401	Exercise Evaluation		08/13/2001	08/17/2001	Baseline Inspections
	<b>MB HS</b>	<b>- HEAT SINK</b>	<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		09/03/2001	09/07/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 60855	Operation Of An ISFSI		09/10/2001	09/14/2001	Other Routine
1, 2	IP 7112203	Radiological Environmental Monitoring Program		09/10/2001	09/14/2001	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**McGuire**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
<b>PS-RP - RADIATION PROTECTION</b>						
1, 2	IP 71151	Performance Indicator Verification	1	09/10/2001	09/14/2001	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.