



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. W. R. McCollum  
Vice President  
Oconee Site  
7800 Rochester Highway  
Seneca, SC 29672

Dear Mr. McCollum:

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

On November 8, 2000, the NRC staff completed its mid-cycle plant performance assessment of Oconee Nuclear Station. The mid-cycle review for Oconee 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 Regulatory Response column of the NRC's Action Matrix based on an inspection finding of low to moderate safety significance (White) for Unit 1 in the mitigating system cornerstone. This White finding involved a performance deficiency associated with a design calculation which resulted in Duke Energy Corporation's failure to recognize that the spent fuel pool would be available as a source of water for high pressure injection for a time significantly less than that assumed following certain postulated tornados. Therefore, in accordance with the Action Matrix, we plan to conduct supplemental Inspection Procedure 95001 in January 2001 to better understand the causes contributing to this issue.

In addition to the aforementioned supplemental inspection, we also plan to conduct baseline inspections at your facility through September 30, 2001. We also plan to perform other routine inspections of activities associated with your Independent Spent Fuel Storage Installation.

As you are aware, we are still evaluating the significance of Unresolved Item (URI) 50-269/00-05-11 (Unit 1 mid-loop operations with containment purge valves that subsequently failed to hold design pressure), URI 50-269,270,287/00-09-01 (Failure to properly detect penetrations at the perimeter prior to individuals gaining access to the protected area), and URI 50-269,270,287/00-09-02 (Failure to prevent a simulated adversary from gaining access to a vital area) utilizing the Significance Determination Process. Supplemental inspections may be warranted if we determine that these findings are of greater than very low safety significance (Green). We will notify you via separate correspondence of any resulting changes to our inspection plan.

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

Sincerely,

*/RA/*

Loren R. Plisco, Director  
Division of Reactor Projects

Docket Nos. 50-269, 50-270, 50-287  
Licensee Nos. NPF-38, NPF-47, NFP-55

Enclosure: Oconee Nuclear Station Inspection/Activity Plan

cc w/encl:  
Compliance Manager (ONS)  
Duke Energy Corporation  
Electronic Mail Distribution

Lisa Vaughn  
Legal Department (PB05E)  
Duke Energy Corporation  
422 South Church Street  
Charlotte, NC 28242

Rick N. Edwards  
Framatome Technologies  
Electronic Mail Distribution

Anne Cottingham  
Winston and Strawn  
Electronic Mail Distribution

cc w/encl: Continued see page 3

cc w/encl: Continued  
Mel Fry, Director  
Division of Radiation Protection  
N. C. Department of Environmental  
Health & Natural Resources  
Electronic Mail Distribution

Henry J. Porter, Assistant Director  
Div. of Waste Mgmt.  
S. C. Department of Health and  
Environmental Control  
Electronic Mail Distribution

R. Mike Gandy  
Division of Radioactive Waste Mgmt.  
S. C. Department of Health and  
Environmental Control  
Electronic Mail Distribution

County Supervisor of  
Oconee County  
415 S. Pine Street  
Walhalla, SC 29691-2145

Lyle Graber, LIS  
NUS Corporation  
Electronic Mail Distribution

Nuclear Regulatory Licensing  
Duke Energy Corporation  
526 S. Church Street  
Charlotte, NC 28201-0006

Peggy Force  
Assistant Attorney General  
N. C. Department of Justice  
Electronic Mail Distribution

DEC

4

Distribution w/encl:  
D. LaBarge, NRR  
PUBLIC

E-Mail  
RidsNrrDipmlipb

OFFICE							
SIGNATURE	rc	kb	el	rh			
NAME	RCarroll	KBarr	COgle	RHaag			
DATE	11/22/2000	11/22/2000	11/22/2000	11/22/2000	11/ /2000	11/ /2000	11/ /2000
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: C:\TEMP\mcylocon.wpd

**Oconee**  
**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>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
1, 2, 3	IP 7113001	Access Authorization Program (Behavior Observation Only)		01/02/2001	01/05/2001	Baseline Inspections
1, 2, 3	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		01/02/2001	01/05/2001	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		01/02/2001	01/05/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2, 3	IP 7112103	Radiation Monitoring Instrumentation		01/08/2001	01/12/2001	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		01/08/2001	01/12/2001	Baseline Inspections
	<b>EB</b>	<b>- HPI PUMP SUCTION FROM SFP AFTER TORNADO</b>	<b>1</b>			
1	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		01/22/2001	01/26/2001	Supplemental Progra
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2, 3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/22/2001	01/26/2001	Baseline Inspections
1, 2, 3	IP 7112203	Radiological Environmental Monitoring Program		01/22/2001	01/26/2001	Baseline Inspections
	<b>MB MR</b>	<b>- MAIN RULE</b>	<b>1</b>			
1, 2, 3	IP 711112B	Maintenance Rule Implementation		02/12/2001	02/16/2001	Baseline Inspections
	<b>PB1-PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION &amp; RESOLUTION</b>	<b>3</b>			
1, 2, 3	IP 71152	Identification and Resolution of Problems		03/05/2001	03/09/2001	Baseline Inspections
	<b>PB1-PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION &amp; RESOLUTION</b>	<b>3</b>			
1, 2, 3	IP 71152	Identification and Resolution of Problems		03/19/2001	03/23/2001	Baseline Inspections
	<b>MB-50.59</b>	<b>- 50.59</b>	<b>1</b>			
1, 2, 3	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/26/2001	03/30/2001	Baseline Inspections
	<b>MB ISI</b>	<b>- ISI</b>	<b>2</b>			
1, 2, 3	IP 7111108	Inservice Inspection Activities		04/30/2001	05/04/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2, 3	IP 7112102	ALARA Planning and Controls		05/07/2001	05/11/2001	Baseline Inspections
	<b>OL RQ</b>	<b>- REQUAL INSPECTION</b>	<b>2</b>			
1, 2, 3	IP 711111B	Licensed Operator Requalification		05/14/2001	05/18/2001	Baseline Inspections
	<b>OL EP</b>	<b>- EMERGENCY PREPAREDNESS</b>	<b>1</b>			
1, 2, 3	IP 7111402	Alert and Notification System Testing		08/06/2001	08/10/2001	Baseline Inspections
1, 2, 3	IP 7111403	Emergency Response Organization Augmentation Testing		08/06/2001	08/10/2001	Baseline Inspections
1, 2, 3	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/06/2001	08/10/2001	Baseline Inspections
1, 2, 3	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		08/06/2001	08/10/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/06/2001	08/10/2001	Baseline Inspections
	<b>MB ISFSI</b>	<b>- ISFSI</b>	<b>1</b>			
1, 2, 3	IP 60855	Operation Of An ISFSI		08/20/2001	08/24/2001	Other Routine
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
1, 2, 3	IP 7113001	Access Authorization Program (Behavior Observation Only)		09/04/2001	09/07/2001	Baseline Inspections

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

**Oconee**  
**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-SEC - SECURITY</b>			1			
1, 2, 3	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		09/04/2001	09/07/2001	Baseline Inspections
1, 2, 3	IP 71151	Performance Indicator Verification		09/04/2001	09/07/2001	Baseline Inspections

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