



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

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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	
	PS-SEC - SECURITY		1			
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
	PS-RP - RADIATION PROTECTION		1			
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
	EB - HPI PUMP SUCTION FROM SFP AFTER TORNADO		1			
1	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		01/22/2001	01/26/2001	Supplemental Progra
	PS-RP - RADIATION PROTECTION		1			
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
	MB MR - MAIN RULE		1			
1, 2, 3	IP 711112B	Maintenance Rule Implementation		02/12/2001	02/16/2001	Baseline Inspections
	PB1-PI&R - PROBLEM IDENTIFICATION & RESOLUTION		3			
1, 2, 3	IP 71152	Identification and Resolution of Problems		03/05/2001	03/09/2001	Baseline Inspections
	PB1-PI&R - PROBLEM IDENTIFICATION & RESOLUTION		3			
1, 2, 3	IP 71152	Identification and Resolution of Problems		03/19/2001	03/23/2001	Baseline Inspections
	MB-50.59 - 50.59		1			
1, 2, 3	IP 7111102	Evaluation of Changes, Tests, or Experiments		03/26/2001	03/30/2001	Baseline Inspections
	MB ISI - ISI		2			
1, 2, 3	IP 7111108	Inservice Inspection Activities		04/30/2001	05/04/2001	Baseline Inspections
	PS-RP - RADIATION PROTECTION		1			
1, 2, 3	IP 7112102	ALARA Planning and Controls		05/07/2001	05/11/2001	Baseline Inspections
	OL RQ - REQUAL INSPECTION		2			
1, 2, 3	IP 711111B	Licensed Operator Requalification		05/14/2001	05/18/2001	Baseline Inspections
	OL EP - EMERGENCY PREPAREDNESS		1			
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
	MB ISFSI - ISFSI		1			
1, 2, 3	IP 60855	Operation Of An ISFSI		08/20/2001	08/24/2001	Other Routine
	PS-SEC - SECURITY		1			
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.

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12/04/2000 - 09/30/2001

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