

May 31, 2001

Mr. Oliver D. Kingsley, President
Exelon Nuclear
Exelon Generation Company, LLC
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: ANNUAL ASSESSMENT LETTER - QUAD CITIES
(REPORT 50-254;265/01-01)

Dear Mr. Kingsley:

On May 1, 2001, the NRC staff completed its End-of-Cycle plant performance assessment of Quad Cities. The End-of-Cycle review for Quad Cities involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period April 2, 2000 to March 31, 2001. 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.

Overall, Quad Cities operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix, based on a White finding in the Physical Protection Cornerstone that was issued for contingency response performance deficiencies identified during the second quarter of 2000 Operational Safeguards Response Evaluation. Additionally, a White finding in the Occupational Radiation Safety cornerstone was issued for an ALARA issue involving the replacement of a safety relief valve during the Unit 1 refueling outage in the fourth quarter of 2000. Therefore, supplemental inspections in the areas of Physical Protection and Occupational Radiation Safety are scheduled for June and July 2001, respectively.

While performance for the most recent quarter is within the Regulatory Response Column of the NRC's Action Matrix, Quad Cities remained in the Degraded Mitigating Systems Cornerstone Column of the Action Matrix for the first three quarters of the assessment cycle due to a Yellow performance indicator for high pressure coolant injection system unavailability from the first quarter of 2000. In addition, each Quad Cities unit had a White performance indicator in the same Mitigating Systems Cornerstone due to seven Safety System Functional Failures each in the second and third quarters of 2000. The Yellow and White performance indicators were previously discussed in our letters to you dated May 18, 2000, and August 9, 2000. We completed supplemental inspections to evaluate both the Yellow and White performance indicators in September 2000 and documented the results in Inspection Report 254/00-013;265/00-013. Overall, your response to the degraded cornerstone was considered acceptable. No further inspection beyond the baseline program is planned.

The enclosure details the scheduled inspections that will occur through May 31, 2002. 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.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 - December 31), the next inspection and assessment cycle will consist of only three quarters (i.e., the second, third, and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 - September 30) in lieu of a mid-cycle review. The impact on the inspection plan, which is included as an enclosure, is minimal. Activities planned for the transition cycle represent only 60-80 percent of those activities that would be accomplished during a typical 12-month inspection and assessment cycle.

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 Mark Ring at (630) 829-9703 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Geoffrey E. Grant, Director
Division of Reactor Projects

Docket Nos. 50-254; 50-265
License Nos. DPR-29; DPR-30

Enclosure: Quad Cities Inspection/Activity Plan

See Attached Distribution

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cc w/encl: W. Bohlke, Senior Vice President, Nuclear Services
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Quad Cities
Inspection / Activity Plan
06/01/2001 - 05/31/2002

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71111.01 - ADVERSE WEATHER		2			
1, 2	IP 7111101	Adverse Weather Protection		05/18/2001	06/30/2001	Baseline Inspections
	SUPLMENT - SAFEGUARDS INSP-SUPPLEMENTAL-WHITE OSRE		1			
1, 2	IP 71151	Performance Indicator Verification		06/11/2001	06/14/2001	Baseline Inspections
1, 2	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		06/11/2001	06/14/2001	Supplemental Program
	IP 71114 - ROUTINE BASELINE EP INSPECTION		1			
1, 2	IP 7111402	Alert and Notification System Testing		06/25/2001	06/29/2001	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		06/25/2001	06/29/2001	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/25/2001	06/29/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/25/2001	06/29/2001	Baseline Inspections
	71121 - REMP & RP INSTRUMENTATION INSPECTION		2			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		07/09/2001	07/13/2001	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation		07/09/2001	07/13/2001	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		07/09/2001	07/13/2001	Baseline Inspections
	IP 95001 - SUPPLEMENTAL: WHITE ALARA FINDING		1			
1, 2	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		07/09/2001	07/13/2001	Supplemental Program
	FY 2001 - QUAD CITIES INIT PREP 07/2001		3			
1	W90038	OL - INITIAL EXAM - QUAD CITIES - 2001		07/16/2001	07/20/2001	Not Applicable
	FY 2001 - QUAD CITIES INIT EXAM 07&08/2001		4			
1	W90038	OL - INITIAL EXAM - QUAD CITIES - 2001		08/06/2001	08/10/2001	Not Applicable
	71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION		2			
1, 2	IP 7111111B	Licensed Operator Requalification		10/01/2001	10/05/2001	Baseline Inspections
	IP 71121 - ALARA & RP ACCESS CONTROLS INSP		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/01/2001	10/05/2001	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		10/01/2001	10/05/2001	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		10/01/2001	10/05/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/01/2001	10/05/2001	Baseline Inspections
	71111.01 - ADVERSE COLD WEATHER		2			
1, 2	IP 7111101	Adverse Weather Protection		10/01/2001	11/15/2001	Baseline Inspections
	SSDI - SAFETY SYSTEM BIENNIAL (DRS)		5			
1, 2	IP 7111121	Safety System Design and Performance Capability		10/22/2001	11/09/2001	Baseline Inspections
	71130 - SAFEGUARDS INSPECTION-AA/AC/PI/PC		1			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		02/04/2002	02/08/2002	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		02/04/2002	02/08/2002	Baseline Inspections
1, 2	IP 7113004	Security Plan Changes		02/04/2002	02/08/2002	Baseline Inspections

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

Quad Cities
Inspection / Activity Plan
06/01/2001 - 05/31/2002

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71130	- SAFEGUARDS INSPECTION-AA/AC/PI/PC	1			
1, 2	IP 71151	Performance Indicator Verification		02/04/2002	02/08/2002	Baseline Inspections
	71121	- ALARA OUTAGE RP INSPECTION	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/04/2002	03/01/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		02/04/2002	03/01/2002	Baseline Inspections
	71111.20	- REFUELING AND OUTAGE ACTIVITIES	2			
2	IP 7111120	Refueling and Outage Activities		02/15/2002	03/31/2002	Baseline Inspections
	71111.06	- FLOOD PROTECTION	2			
1, 2	IP 7111106	Flood Protection Measures		04/01/2002	05/17/2002	Baseline Inspections
	MOD	- MOD & 50.59 INSPECTION	4			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/08/2002	04/12/2002	Baseline Inspections
1, 2	IP 711117B	Permanent Plant Modifications		04/08/2002	04/12/2002	Baseline Inspections
	IP 71121	- RP INSTRUMENTATION INSPECTION	1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		05/13/2002	05/17/2002	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation		05/13/2002	05/17/2002	Baseline Inspections

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