Mr. Fred Dacimo Site Vice President Entergy Nuclear Northeast Indian Point Energy Center 295 Broadway, Suite 1 Post Office Box 249 Buchanan, NY 10511-0249

SUBJECT: ANNUAL ASSESSMENT LETTER - INDIAN POINT NUCLEAR GENERATING UNITS 2 AND 3 (REPORT 05000247/2004001 AND 05000286/2004001)

Dear Mr. Dacimo:

On February 10, 2004, the NRC staff completed its end-of-cycle plant performance assessment of Indian Point Nuclear Generating Units 2 and 3. The review involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2003. 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 that may conflict with your plant activities. Overall, Indian Point Units 2 and 3 operated in a manner that preserved public health and safety. Performance of both units at the end of 2003 was within the Regulatory Response Column of the NRC Action Matrix, yet some weaknesses continued to occur in the implementation of corrective action programs.

The NRC maintained heightened oversight of the Indian Point station throughout 2003. During the first half of 2003, Indian Point 2 (IP2) was in the Degraded Cornerstone Column due to a Yellow finding associated with licensed operator requalification examination failures. In May 2003, the NRC staff concluded that this issue had been appropriately addressed by Entergy and closed the Yellow finding. Plant performance for the second half of 2003 was within the Regulatory Response Column of the NRC's Action Matrix, based on a White finding associated with a degraded control room fire barrier. A supplemental inspection to examine corrective actions for this White finding was conducted in June 2003, with a follow-up inspection of aspects of the IP2 Design Basis Initiative (DBI) program in December 2003. In January 2004, we concluded that Entergy had made sufficient progress to close this White finding. Indian Point 3 (IP3) began the 2003 assessment period in the Licensee Response Column and entered the Regulatory Response Column in June 2003, when the PI for Unplanned Scrams crossed the Green to White threshold. A supplemental inspection for this PI was completed satisfactorily in August 2003.

Overall performance at the Indian Point station has continued to improve, albeit slowly. The rate of progress has been influenced by the extensive scope of activities associated with merging IP2 and IP3, which had been separately owned and operated. The site integration efforts have included the selection of a station management team, consolidation of the security guard force, and adoption of common processes and procedures in numerous areas. Consolidation efforts are ongoing and full integration of the site is requiring continued, significant management attention.

Entergy's actions to improve human performance at the station have been reasonably effective. A relatively large number of personnel errors occurred during the IP3 refueling outage which was conducted at the beginning of the assessment period. After that, station performance improved; the few errors by plant operators and technicians which did occur were of very low safety significance. Accordingly, the substantive cross-cutting issue in the human performance area, that had been open at IP2 for over two years, is closed. The NRC notes, however, that sustained performance improvement in this area, particularly during outage periods, remains a challenge for the station.

Efforts to improve your corrective action program across the station have produced mixed results. A number of equipment upgrades have been completed during recent outages. Additionally, you continued efforts to address weaknesses in station work control processes. However, IP2 continues to contend with relatively large elective maintenance and corrective action backlogs. IP3 has experienced an increase in some backlogs. Furthermore, plant events and inspection findings indicate some continuing issues with the consistency and thoroughness of technical evaluations and timeliness of corrective actions, with some of these issues resulting in emergent challenges to the station. Based on inspection findings identified this period, we are keeping open the substantive cross-cutting issue in the problem identification and resolution (PI&R) area at IP2.

Making further progress at Indian Point station will require strong management involvement given the continuing large scope of station projects and activities. These include important improvement programs such as the multi-year IP2 Design Basis Initiative, as well as ongoing site integration efforts. We expect to discuss these subjects with you during the annual assessment public meeting tentatively planned for late April 2004. Also, given the importance of the PI&R crosscutting issue, we request that you describe in writing within 30 days actions you have taken or plan to address corrective action program weaknesses.

The enclosed inspection plans detail the NRC inspections at IP2 and IP3 scheduled through September 30, 2005. The inspection plans are provided to minimize the resource impact on your staff, and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspectors arriving onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last twelve months of the inspection plan are tentative and may be revised at our internal mid-cycle review meeting.

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we plan to continue inspections of order implementation combined with newly developed portions of the security baseline inspection program.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

If circumstances arise which cause us to change these inspection plans, we will contact you to discuss the change as soon as possible. Please contact Brian J. McDermott, Chief, Projects Branch 2, at (610) 337-5233, with any questions you may have regarding this letter or the inspection plans.

Sincerely,

/RA by J. T. Wiggins Acting For

Hubert J. Miller Regional Administrator

Docket Nos. 50-247 and 50-286 License Nos. DPR-26 and DPR-64

Enclosures: Indian Point Nuclear Generating Unit 2 and Unit 3 Inspection/ Activity Plans

cc w/encl:

- G. J. Taylor, Chief Executive Officer, Entergy Operations
- M. R. Kansler, President Entergy Nuclear Operations, Inc.
- J. Herron, Senior Vice President and Chief Operating Officer
- C. Schwarz, General Manager Plant Operations
- D. Pace, Vice President, Engineering
- R. Edington, Vice President, Operations Support
- J. McCann, Director, Licensing
- C. Faison, Manager, Licensing
- H. Salmon, Jr., Director of Oversight
- J. Fulton, Assistant General Counsel, Entergy Nuclear Operations, Inc.
- P. R. Smith, President, New York State Energy, Research and Development Authority
- J. Spath, Program Director, New York State Energy Research and Development Authority
- P. Eddy, Electric Division, New York State Department of Public Service

- C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law
- T. Walsh, Secretary, NFSC, Entergy Nuclear Operations, Inc.
- D. O'Neill, Mayor, Village of Buchanan
- J. G. Testa, Mayor, City of Peekskill
- R. Albanese, Executive Chair, Four County Nuclear Safety Committee
- S. Lousteau, Treasury Department, Entergy Services, Inc.

Chairman, Standing Committee on Energy, NYS Assembly

Chairman, Standing Committee on Environmental Conservation, NYS Assembly

Chairman, Committee on Corporations, Authorities, and Commissions

- M. Slobodien, Director, Emergency Planning
- B. Brandenburg, Assistant General Counsel
- P. Rubin, Manager of Planning, Scheduling & Outage Services

Assemblywoman Sandra Galef, NYS Assembly

County Clerk, Westchester County Legislature

- A. Spano, Westchester County Executive
- R. Bondi, Putnam County Executive
- C. Vanderhoef, Rockland County Executive
- E. A. Diana, Orange County Executive
- T. Judson, Central NY Citizens Awareness Network
- M. Elie, Citizens Awareness Network
- D. Lochbaum, Nuclear Safety Engineer, Union of Concerned Scientists

Public Citizen's Critical Mass Energy Project

- M. Mariotte, Nuclear Information & Resources Service
- F. Zalcman, Pace Law School, Energy Project
- L. Puglisi, Supervisor, Town of Cortlandt

Congresswoman Sue W. Kelly

Congresswoman Nita Lowey

Senator Hillary Rodham Clinton

Senator Charles Schumer

- J. Riccio, Greenpeace
- A. Matthiessen, Executive Director, Riverkeepers, Inc.
- M. Kapolwitz, Chairman of County Environment & Health Committee
- A. Reynolds, Environmental Advocates
- M. Jacobs, Director, Longview School
- D. Katz, Executive Director, Citizens Awareness Network
- P. Gunter, Nuclear Information & Resource Service
- P. Leventhal, The Nuclear Control Institute
- K. Coplan, Pace Environmental Litigation Clinic
- R. Witherspoon, The Journal News
- W. DiProfio, PWR SRC Consultant
- W. Poole, PWR SRC Consultant
- W. Russell, PWR SRC Consultant
- W. Little, Associate Attorney, NYSDEC

Institute of Nuclear Power Operations (INPO)

Distribution w/encl: H. Miller, RA/J. Wiggins, DRA (1)

A. Blough, DRP W. Lanning, DRS B. Holian, DRP R. Crlenjak, DRS

J. Jolicoeur, RI EDO Coordinator

B. McDermott, DRP DRS Branch Chiefs (5)

R. Laufer, NRR P. Milano, PM, NRR

G. Vissing, PM, NRR (Backup)

D. Screnci, PAO N. Sheehan, PAO W. Cook, DRP T. Jackson, DRP

P. Habighorst, SRI - Indian Point 2 P. Drsydale, SRI - Indian Point 3

M. Cox, RI - Indian Point 2

R. Berryman, RI - Indian Point 3

R. Martin, DRP

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D. Silk, DRS RidsNrrDipmLipb

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NAME	WCook/WAC BMcDermott/B BHolian/BEH Hmille		Hmiller/JTW			
		JM		for		
DATE	03/2/04	03/2/04	03/2/04	03/2/04	03/	/04

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Page 1 of 2

03/02/2004

13:27:39

Indian Point Inspection / Activity Plan 01/01/2004 - 09/30/2005

Report 22

Unit			No. of Staff	Planned Dates		Inspection	
Number	Inspection Activity	Title	on Site	Start	End	Туре	
	7111117B - MODS & 50.59 5						
2	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/26/2004	01/30/2004	Baseline Inspections	
2	IP 7111117B	Permanent Plant Modifications		01/26/2004	01/30/2004	Baseline Inspections	
	71111.05 - TRIEN	NNIAL FIRE PROTECTION INSPECTION	3				
2	IP 7111105T	Fire Protection		03/01/2004	03/05/2004	Baseline Inspections	
2	IP 7111105T	Fire Protection		03/15/2004	03/19/2004	Baseline Inspections	
	71121 - OCC I	RAD SAFETY	1				
2	IP 7112101	Access Control to Radiologically Significant Areas		03/08/2004	03/12/2004	Baseline Inspections	
2	IP 7112102	ALARA Planning and Controls		03/08/2004	03/12/2004	Baseline Inspections	
	7111107B - HEAT	SINK	2				
2	IP 7111107B	Heat Sink Performance		04/12/2004	04/16/2004	Baseline Inspections	
	7112103 - OCC I	RAD SAFETY - INSTRUMENTATION	1				
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/10/2004	05/14/2004	Baseline Inspections	
		EQUALIFICATION PROGRAM	3				
2	IP 7111111B	Licensed Operator Requalification Program		05/24/2004	05/28/2004	Baseline Inspections	
		RAD SAFETY - REMP	1				
2	IP 7112203	Radiological Environmental Monitoring Program		05/24/2004	05/28/2004	Baseline Inspections	
	-	CISE EVAULATION & EP PI VERIFICATION	13				
2	IP 7111401	Exercise Evaluation		06/07/2004	06/11/2004	Baseline Inspections	
2	IP 71151	Performance Indicator Verification		06/07/2004	06/11/2004	Baseline Inspections	
		RAD SAFETY	1				
2	IP 7112101	Access Control to Radiologically Significant Areas		06/07/2004	06/11/2004	Baseline Inspections	
2	IP 7112102	ALARA Planning and Controls		06/07/2004	06/11/2004	Baseline Inspections	
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/07/2004	06/11/2004	Baseline Inspections	
	71130 - SECU		3				
2	IP 7113001	Access Authorization		08/02/2004	08/06/2004	Baseline Inspections	
2	IP 7113002	Access Control		08/02/2004	08/06/2004	Baseline Inspections	
2	IP 7113008	Fitness For Duty Program		08/02/2004	08/06/2004	Baseline Inspections	
2	IP 71151	Performance Indicator Verification		08/02/2004	08/06/2004	Baseline Inspections	
		2 OPERATOR LICENSING INITIAL EXAM	3				
2	U01566	INDIAN POINT, UNIT 2 INITIAL EXAM (11/1-5/04)		09/13/2004	09/17/2004	Not Applicable	
2	U01566	INDIAN POINT, UNIT 2 INITIAL EXAM (11/1-5/04)		10/11/2004	10/22/2004	Not Applicable	
		RAD SAFETY - ALARA	1				
2	IP 7112102	ALARA Planning and Controls		10/18/2004	10/20/2004	Baseline Inspections	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Page 2 of 2

03/02/2004

13:27:39

Indian Point Inspection / Activity Plan 01/01/2004 - 09/30/2005

Report 22

Unit				No. of Staff Planned Dates		Inspection		
Number	Inspection Activity	Title	on Site	Start	End	Туре		
	71121 - OCC RAD SAFETY 1							
2	IP 7112101	Access Control to Radiologically Significant Areas		11/15/2004	11/19/2004	Baseline Inspections		
2	IP 7112102	ALARA Planning and Controls		11/15/2004	11/19/2004	Baseline Inspections		
2	IP 71151	Performance Indicator Verification		11/15/2004	11/19/2004	Baseline Inspections		
	7111108 - INSEI	RVICE INSPECTION	3					
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)		11/15/2004	11/19/2004	Safety Issues		
2	IP 2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02)		11/15/2004	11/19/2004	Safety Issues		
2	IP 7111108P	Inservice Inspection Activities - PWR		11/15/2004	11/19/2004	Baseline Inspections		
	7112201 - PUB I	RAD SAFETY - RETS	1					
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/10/2005	01/14/2005	Baseline Inspections		
	71121 - OCC	RAD SAFETY	1					
2	IP 7112101	Access Control to Radiologically Significant Areas		01/31/2005	02/04/2005	Baseline Inspections		
2	IP 7112102	ALARA Planning and Controls		01/31/2005	02/04/2005	Baseline Inspections		
	7111121 - SSDI		6					
2	IP 7111121	Safety System Design and Performance Capability		02/14/2005	02/18/2005	Baseline Inspections		
2	IP 7111121	Safety System Design and Performance Capability		02/28/2005	03/04/2005	Baseline Inspections		
	71121 - OCC	RAD SAFETY	1					
2	IP 7112101	Access Control to Radiologically Significant Areas		04/11/2005	04/15/2005	Baseline Inspections		
2	IP 7112102	ALARA Planning and Controls		04/11/2005	04/15/2005	Baseline Inspections		
	71152B - PROE	BLEM IDENTIFICATION AND RESOLUTION	1					
2	IP 71152B	Identification and Resolution of Problems		06/06/2005	06/10/2005	Baseline Inspections		
2	IP 71152B	Identification and Resolution of Problems		06/20/2005	06/24/2005	Baseline Inspections		
	71114 - EP PF	ROGRAM AND EP PI INSPECTION	1					
2	IP 7111402	Alert and Notification System Testing		07/11/2005	07/15/2005	Baseline Inspections		
2	IP 7111403	Emergency Response Organization Augmentation Testing		07/11/2005	07/15/2005	Baseline Inspections		
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/11/2005	07/15/2005	Baseline Inspections		
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/11/2005	07/15/2005	Baseline Inspections		
2	IP 71151	Performance Indicator Verification		07/11/2005	07/15/2005	Baseline Inspections		
	71121 - OCC RAD SAFETY							
2	IP 7112101	Access Control to Radiologically Significant Areas		07/18/2005	07/22/2005	Baseline Inspections		
2	IP 7112102	ALARA Planning and Controls		07/18/2005	07/22/2005	Baseline Inspections		
	7112202 - PUB I	RAD SAFETY - RADWASTE	1					
2	IP 7112202	Radioactive Material Processing and Transportation		09/19/2005	09/23/2005	Baseline Inspections		

Page 1 of 2 03/02/2004 13:28:27

Indian Point 3 Inspection / Activity Plan 01/01/2004 - 09/30/2005

Report 22

Unit			No. of Staff	Planned Dates		Inspection
Number	Inspection Activity	Title	on Site	Start	End	Туре
	71121 - OCC F	RAD SAFETY	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		03/08/2004	03/12/2004	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		03/08/2004	03/12/2004	Baseline Inspections
	4/04EXAM - OPER	ATOR LICENSING RETAKE EXAM	1			
3	U01608	INDIAN POINT, UNIT 3 RETAKE EXAM (4/18/04)		04/18/2004	04/18/2004	Not Applicable
	7112103 - OCC F	RAD SAFETY - INSTRUMENTATION	1			
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/10/2004	05/14/2004	Baseline Inspections
	7112203 - PUB F	RAD SAFETY - REMP	1			
3	IP 7112203	Radiological Environmental Monitoring Program		05/24/2004	05/28/2004	Baseline Inspections
		CISE EVAL AND EP PI VERIFICATION	1			
3	IP 7111401	Exercise Evaluation		06/07/2004	06/11/2004	Baseline Inspections
3	IP 71151	Performance Indicator Verification		06/07/2004	06/11/2004	Baseline Inspections
	71121 - OCC F	RAD SAFETY	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		06/07/2004	06/11/2004	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		06/07/2004	06/11/2004	Baseline Inspections
3	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/07/2004	06/11/2004	Baseline Inspections
	71130 - SECU	RITY	3			
3	IP 7113001	Access Authorization		08/02/2004	08/06/2004	Baseline Inspections
3	IP 7113002	Access Control		08/02/2004	08/06/2004	Baseline Inspections
3	IP 7113008	Fitness For Duty Program		08/02/2004	08/06/2004	Baseline Inspections
3	IP 71151	Performance Indicator Verification		08/02/2004	08/06/2004	Baseline Inspections
	71152B - PROB	SLEM IDENTIFICATION AND RESOLUTION	4			
3	IP 71152B	Identification and Resolution of Problems		09/13/2004	09/17/2004	Baseline Inspections
3	IP 71152B	Identification and Resolution of Problems		09/27/2004	10/01/2004	Baseline Inspections
	7112102 - OCC	RAD SAFETY - ALARA	1			
3	IP 7112102	ALARA Planning and Controls		10/18/2004	10/20/2004	Baseline Inspections
	7111117B - MODS	S & 50.59	3			
3	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/25/2004	10/29/2004	Baseline Inspections
3	IP 7111117B	Permanent Plant Modifications		10/25/2004	10/29/2004	Baseline Inspections
		RAD SAFETY	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		11/15/2004	11/19/2004	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		11/15/2004	11/19/2004	Baseline Inspections
3	IP 71151	Performance Indicator Verification		11/15/2004	11/19/2004	Baseline Inspections

Page 2 of 2 03/02/2004

13:28:27

Indian Point 3 Inspection / Activity Plan 01/01/2004 - 09/30/2005

Report 22

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planne Start	d Dates End	Inspection Type
Itamber				Otart	LIIG	1900
		NIAL FIRE PROTECTION INSPECTION	3			
3	IP 7111105T	Fire Protection		01/10/2005	01/14/2005	Baseline Inspections
3	IP 7111105T	Fire Protection		01/24/2005	01/28/2005	Baseline Inspections
	71121 - OCC R	RAD SAFETY	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		01/31/2005	02/04/2005	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		01/31/2005	02/04/2005	Baseline Inspections
	7112201 - PUB R	AD SAFETY - RETS	1			
3	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/14/2005	02/18/2005	Baseline Inspections
	7111108P - INSER	VICE INSPECTION	2			
3	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-02)		04/11/2005	04/15/2005	Safety Issues
3	IP 2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02)		04/11/2005	04/15/2005	Safety Issues
3	IP 7111108P	Inservice Inspection Activities - PWR		04/11/2005	04/15/2005	Baseline Inspections
	71121 - OCC R	RAD SAFETY	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		04/11/2005	04/15/2005	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		04/11/2005	04/15/2005	Baseline Inspections
	7111112B - MAINT	ENANCE RULE	1			
3	IP 7111112B	Maintenance Effectiveness		05/16/2005	05/20/2005	Baseline Inspections
	7111111B - LO RE	QUALIFICATION PROGRAM	2			
3	IP 7111111B	Licensed Operator Requalification Program		06/20/2005	06/24/2005	Baseline Inspections
	71114 - EP PR	OGRAM & EP PI VERIFICATION	1			
3	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/11/2005	07/15/2005	Baseline Inspections
	71121 - OCC R	RAD SAFETY	1			
3	IP 7112101	Access Control to Radiologically Significant Areas		07/18/2005	07/22/2005	Baseline Inspections
3	IP 7112102	ALARA Planning and Controls		07/18/2005	07/22/2005	Baseline Inspections
	7111107B - HEAT	SINK	1			
3	IP 7111107B	Heat Sink Performance		08/08/2005	08/12/2005	Baseline Inspections
	7112202 - PUB R	AD SAFETY - RADWASTE	1			
3	IP 7112202	Radioactive Material Processing and Transportation		09/19/2005	09/23/2005	Baseline Inspections