

Stephen B. Bram
Vice President

Consolidated Edison Company of New York, Inc.
Indian Point Station
Broadway & Bleakley Avenue
Buchanan, NY 10511
Telephone (914) 737-8116

September 2, 1992

Re: Indian Point Unit No. 2
Docket No. 50-247

Mr. Lee Bettenhausen, Chief
Operations Branch
Division of Reactor Safety
US Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

SUBJECT: Requalification Program Evaluation

Dear Mr. Bettenhausen:

We have completed the final grading of the Annual Requalification License Examination which was conducted during the week of August 17th, and hereby submit the results.

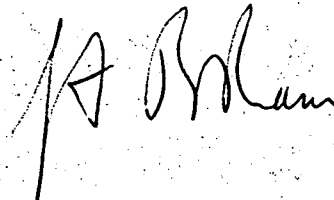
Attached to this letter is the "Indian Point Unit 2 Requalification Program Self-Evaluation Report" for the week of August 17, 1992. The report concludes that the overall program evaluation results for this examination were satisfactory.

To ensure confidentiality, the individual results do not include names. In order to allow your staff to compare our results, a matrix identifying the individual operators was provided during the program evaluation.

Should you have any questions regarding this matter, please contact Mr. Frank Inzirillo of my staff at (914) 526-5134.

Very truly yours,

Attachment



9209150289 920902
PDR ADCK 05000247
V PDR

JE42 11

cc: Mr. Robert M. Gallo, Chief
Operator Licensing Branch, OWFN-10D-22
US Nuclear Regulatory Commission
Washington, DC 20555

Document Control Desk
US Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

Mr. Thomas T. Martin
Regional Administrator - Region I
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Francis J. Williams, Jr., Project Manager
Project Directorate I-1
Division of Reactor Projects I/II
US Nuclear Regulatory Commission
Mail Stop 14B-2
Washington, DC 20555

Senior Resident Inspector
US Nuclear Regulatory Commission
PO Box 38
Buchanan, NY 10511

Mr. Glenn Meyer
PWR Section
Operations Branch
Division of Reactor Safety
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1498

Mr. Robert Temps
Examiner, Region I
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

INDIAN POINT 2 REQUALIFICATION PROGRAM

SELF-EVALUATION REPORT

Summary

The Indian Point Unit 2 Licensed Operator Requalification Program Evaluation conducted the week of August 17th, 1992 demonstrated that the program meets the criteria established in NUREG 1021, Revision 6 entitled "Operator Licensing Examiner Standards".

Over the one week period, 12 licensed operators were examined. Of the 12, 9 hold Senior Reactor Operator Licenses and 3 hold Reactor Operator Licenses. The facility results have identified 11 licensed operators who passed all portions of the examination. One Senior Reactor Operator failed the walkthrough portion of the examination. There were no comprehensive written or operating exam failures. Individual examination results are provided in the attached tables.

Overall Facility Exam Results:

	RO PASS/FAIL	SRO PASS/FAIL	TOTAL PASS/FAIL
WRITTEN	3/0	9/0	12/0
SIMULATOR	3/0	9/0	12/0
WALKTHROUGH	3/0	8/1	11/1
OVERALL	3/0	8/1	11/1

Program Evaluation Results

Examiner Standard ES-601 "Administration of NRC Requalification Program Evaluation" section C.2.b establishes the criteria for a satisfactory requalification program. The following is an assessment of our program applying this criteria.

1. Criteria C.2.b (1) (a) : Satisfactory

Based on verbal examination results provided by the NRC there was complete pass/fail decision agreement between the NRC and the facility as to the grading of the written and operating examinations.
(Minimum Criteria = 90%)

2. Criteria C.2.b (1) (b) : Satisfactory

Of the 12 licensed operators examined 11 (91.7%) passed the examination.

(Minimum Criteria = 75%)

3. Criteria C.2.b (1) (c) : Satisfactory

All 3 crews evaluated were satisfactory.

(Minimum Criteria = 66%)

4. Criteria C.2.b (2) (a) : Satisfactory

Based on verbal examination results provided by the NRC there were no situations where the NRC or the facility found a crew performance unsatisfactory.

5. Additional Criteria C.2.b (2) (b) through (f) : Satisfactory

Additional program evaluation criteria exist in conduct of training and evaluation, facility evaluator performance, and program administration. None of these areas were identified by the facility or the NRC as having a weakness.

Simulator Evaluation

Out of 9 scenarios performed, there were no unsatisfactory results. The following areas were identified during the simulator portion of the examination that would benefit from additional training:

- o Continued improvement in communication skills has been effective and will continue to be emphasized;
- o Fold-out page usage for ECA entry conditions, specifically use of ECA-3.1.

Walkthrough Evaluation

Out of 30 Job Performance Measures (JPM) performed, 3 were performed unsatisfactorily with no repeats. No common area of weakness was indicated by the JPM question portion. The following is an area identified from question evaluation which would benefit from additional training:

- o Containment Spray actuation signal and affected system components.

Written Examination Evaluation

Out of the 12 Operators participating in the examination there were no unsatisfactory results. The following is a summary of areas identified from the written examination which would benefit from additional training:

- o Sequencing of loads onto 480 volt busses under varying conditions;
- o Rod position indication and its relationship to the digital volt meter;
- o Modification light indications in CCR for MCC 24/24A, 27/27A & 29/29A;
- o EAL classification for static situations;
- o Reactivity coefficient response during various accident situations;
- o Reactivity calculations;
- o Instrument power loss effects & identification; and
- o Surveillance performance schedule VS operability.

Summary

The conduct of the Requalification Examination was well coordinated. The Indian Point evaluators and examinees demonstrated a positive and professional attitude throughout the conduct of the evaluation. Lessons learned for future examinations are:

- o Independent review of printed material to eliminate clerical problems; and
- o Tabbing and indexing of submitted materials for ease of identification by NRC Examiners.

The NRC's team of examiners demonstrated a high level of technical competence and conducted themselves in a professional manner.

Overall, the Requalification Program Evaluation Process has had a positive effect on the quality of Indian Point 2 Requalification Program.

1992 NRC Requalification Exam Results Summary

Dynamic Simulator Scenarios

	001	005	011	013	017	020	021	
Operator 01 --	Pass	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 02 --	Pass	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 03 --	Pass	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 04 --	Pass	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 05 --	Not Used	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 06 --	Not Used	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 07 --	Not Used	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 08 --	Not Used	Not Used	Pass	Not Used	Pass	Not Used	Not Used	= Satisfactory
Operator 09 --	Not Used	Pass	Not Used	Pass	Not Used	Pass	Pass	= Satisfactory
Operator 10 --	Not Used	Pass	Not Used	Pass	Not Used	Pass	Pass	= Satisfactory
Operator 11 --	Not Used	Pass	Not Used	Pass	Not Used	Pass	Pass	= Satisfactory
Operator 12 --	Not Used	Pass	Not Used	Pass	Not Used	Pass	Pass	= Satisfactory

1992 NRC Requalification Exam Results Summary

JOB	PERFORMANCE					MEASURES				
	<----- Perform ----->					<- Question Number Missed ->				
Operator 01 -	02	38	19	28	64	06	40	26	56	94
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	NA = Pass
Operator 02 -	06	40	26	56	94	02	38	19	28	64
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	Two = Pass
Operator 03 -	02	38	19	28	64	06	40	26	56	94
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	NA = Pass
Operator 04 -	06	40	26	56	94	02	38	19	28	64
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	Two = Pass
Operator 05 -	02	45	12	34	55	42	62	28	44	58
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	Two = Pass
Operator 06 -	42	62	28	44	58	02	45	12	34	55
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	NA = Pass
Operator 07 -	02	45	12	34	55	42	62	28	44	58
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	Two = Pass
Operator 08 -	42	62	28	44	58	02	45	12	34	55
	Pass	Pass	Pass	Pass	Pass	One	One	NA	Two	NA = Pass
Operator 09 -	04	39	64	26	77	07	45	11	30	95
	Pass	Pass	Pass	Pass	Pass	NA	NA	NA	NA	NA = Pass
Operator 10 -	07	45	11	30	95	04	39	64	26	77
	Pass	Pass	Pass	Pass	Pass	NA	NA	Two	NA	NA = Pass
Operator 11 -	04	39	64	26	77	07	45	11	30	95
	Pass	Pass	Pass	Pass	Fail	NA	NA	NA	NA	NA = Pass
Operator 12 -	07	45	11	30	95	04	39	64	26	77
	Pass	Pass	Pass	Fail	Fail	Both	Two	Both	NA	NA = Fail

1992 NRC Requalification Exam Results Summary

Written Exam Statistics

Operator 01	92.4
Operator 02	94.3
Operator 03	92.4
Operator 04	84.9
Operator 05	88.6
Operator 06	88.6
Operator 07	92.4
Operator 08	81.1
Operator 09	86.5
Operator 10	92.3
Operator 11	88.4
Operator 12	88.4