

Duquesne Light Company

Beaver Valley Power Station
P.O. box 4
Shippingport, PA 15077-0094
(412) 393-5255

JOHN C. SIEBER
Vice President - Nuclear Group

September 3, 1992
NG2VPN: 7144

Mr. Lee H. Bettenhausen
Operations Branch
Division of Reactor Safety
U. S. Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, PA 19406

Reference: Beaver Valley Power Station, Unit 2
Docket No. 50-412, Licensed NPF-73
Licensed Operator Requalification Examination Report

Dear Mr. Bettenhausen

The purpose of this letter is to provide the results of Duquesne Light Company's evaluation of the Licensed Operator Requalification Examination conducted at Unit 2 the week of August 24, 1992. A summary of the examination results is provided along with individual results for each operator examined. These examination results indicate that the Beaver Valley Licensed Operator Requalification Program is satisfactory overall and that some operator retraining is needed in defined areas.

We will take necessary corrective actions based on the examination results. A list of areas needing general training emphasis is attached, and is being used to enhance the operator retraining program.

In our view the revised examination process continues to work well. The NRC Examination Team interacted effectively with Beaver Valley personnel to administer the examination.

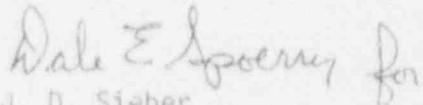
9210050194 920923
PDR ADOCK 05000412
V PDR



Lee H. Bettenhausen
September 3, 1992
NG2VPN: 7144
Page 2

If there are any questions regarding our evaluation of the examination or our corrective actions, please contact Mr. T. W. Burns, Director-Operations Training at (412) 393-5751, or Mr. E. Chatfield, Nuclear Training Manager at (412) 393-5710.

Very truly yours,


J. D. Sieber
Vice President, Nuclear

JDS/TEK/mnm

Enclosure

cc: MR. T. T. Martin, NRC Region 1 Administrator
Mr. L. Briggs, Chief Examiner
Mr. A. W. DeAgazio, Project Manager
Document Control Desk

BEAVER VALLEY UNIT 2
REQUALIFICATION EXAM
AUGUST 24 - AUGUST 28, 1992

The following areas were identified as needing additional training emphasis in the Licensed Operator Retraining Program:

Written Exam

The Emergency Plan definition of REQUIRED SHUTDOWN.

Plant Walk-through Exam

The function of a 120V Vital Bus inverter tracking rectifier.

Simulator Exam

Communications - operators taking actions without supervisor knowledge, repeat back of orders and/or failure of supervision to acknowledge operator input.

Command and control - operators provided suggested actions and supervisor response was slow, along with failure to ask clarifying questions, supervisor distracted from setting expected priorities.

The following areas were identified as needing additional training emphasis for certain individuals:

The proper performance of EOP immediate actions.

The Emergency Plan classification for an ATWS.

BEAVER VALLEY UNIT 2
REQUALIFICATION EXAM
AUGUST 24 - AUGUST 28, 1992

EXAMINATION SUMMARY

	<u>RESULTS</u>	<u>FACILITY EVALUATORS</u>
SIMULATOR:		
8/24/92	1 Crew Passed	F. Schuster Manager Unit 2 Operations
8/25/92	2 Crews Passed	L. G. Schad Simulator Training Supervisor
PLANT WALK-THROUGH:		
8/26 - 8/27/92	12 Individuals Passed	T. E. Kuhar Licensed Operator Training Supervisor R. J. Brooks Senior Nuclear Operations Instructor T. Gaydosik Senior Nuclear Operations Instructor R. E. Kahler Simulator Instructor
WRITTEN:		
8/28/92	12 Individuals Passed	T. E. Kuhar Licensed Operator Training Supervisor A. Cannizzaro Assistant Nuclear Shift Supervisor R. E. Kahler Simulator Instructor R. J. Brooks Senior Nuclear Operations Instructor
OVERALL:	12 Individuals Passed 3 Crews Passed	

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: A

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007		SAT	SAT
2CR-025	SAT		
2PL-005		SAT	SAT
2PL-062	SAT		
2PL-065		SAT	UNSAT
2CR-046	SAT		
2CR-511		SAT	SAT
2CR-060	SAT		
2PL-004		SAT	SAT
2PL-037	SAT		

OVERALL GRADE: 97.5% for JPMs PASS

<u>WRITTEN:</u>	<u>SECTION A</u>	100%	
	<u>SECTION B</u>	100%	
	<u>OVERALL</u>	100%	<u>PASS</u>

<u>SIMULATOR:</u>	<u>INDIVIDUAL</u>	<u>PASS</u>
	<u>CREW</u>	<u>PASS</u>

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: B

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007	SAT		
2CR-025		SAT	SAT
2PL-005	SAT		
2PL-062		UNSAT	SAT
2FL-065	SAT		
2CR-046		SAT	SAT
2CR-511	SAT		
2CR-060		SAT	SAT
2FL-004	SAT		
2PL-037		SAT	SAT

OVERALL GRADE: 97.5% for JPMs PASS

WRITTEN: SECTION A 96.2%

SECTION B 100%

OVERALL 98.1% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: C

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007	SAT		
2CR-025		SAT	SAT
2PL-005		SAT	SAT
2PL-065		SAT	UNSAT
2PL-011	SAT		
2CR-046		SAT	SAT
2CR-511	SAT		
2CR-060	SAT		
2PL-004		UNSAT	SAT
2PI-037	SAT		

OVERALL GRADE: 95% for JPMs PASS

WRITTEN: SECTION A 92.3%

SECTION B 99.5%

OVERALL 96.0% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: C

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007	SAT		
2CR-025		SAT	SAT
2PL-005		SAT	SAT
2PL-C65		SAT	UNSAT
2PL-011	SAT		
2CR-046		SAT	SAT
2CR-511	SAT		
2CR-060	SAT		
2PL-004		UNSAT	SAT
2PL-037	SAT		

OVERALL GRADE: 95% for JPMS PASS

WRITTEN: SECTION A 92.3%

SECTION B 99.5%

OVERALL 96.0% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: D

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007		SAT	SAT
2CR-025	SAT		
2PL-005	SAT		
2PL-065	SAT		
2PL-011		SAT	SAT
2CR-046	SAT		
2CR-511		SAT	SAT
2CR-060		SAT	SAT
2PL-004	SAT		
2PL-037		SAT	SAT

OVERALL GRADE: 100% for JPMs PASS

WRITTEN: SECTION A 88.5%

SECTION B 99.5%

OVERALL 94.1% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: E

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007		SAT	SAT
2CR-025	SAT		
2PL-005		SAT	SAT
2PL-062	SAT		
2PL-065		SAT	UNSAT
2CR-046	SAT		
2CR-511		SAT	SAT
2CR-060	SAT		
2PL-004		SAT	SAT
2PL-037	SAT		

OVERALL GRADE: 97.5% for JPMs PASS

WRITTEN: SECTION A 92.3%

SECTION B 94.2

OVERALL 93.3% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: F

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007	SAT		
2CR-025		SAT	SAT
2PL-005	SAT		
2PL-062		SAT	SAT
2PL-065	SAT		
2CR-046		SAT	SAT
2CR-511	SAT		
2CR-060		SAT	SAT
2PL-004	SAT		
2PL-037		SAT	UNSAT

OVERALL GRADE: 97.5% for JPMS PASS

WRITTEN: SECTION A 88.5%

SECTION B 100%

OVERALL 94.2% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: G

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007		SAT	SAT
2CR-025	SAT		
2PL-005	SAT		
2PL-065	SAT		
2PL-011		SAT	SAT
2CR-046	SAT		
3CR-511		SAT	SAT
2CR-060		UNSAT	SAT
2PL-004	SAT		
2PL-037		SAT	SAT

OVERALL GRADE: 97.5% for JPMs PASS

WRITTEN: SECTION A 96.2%

SECTION B 87.0%

OVERALL 91.5% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: H

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007	SAT		
2CR-025		SAT	UNSAT
2PL-005		SAT	SAT
2PL-065		SAT	UNSAT
2PL-011	SAT		
2CR-046		SAT	SAT
2CR-511	SAT		
2CR-060	SAT		
2PL-004		SAT	SAT
2PL-037	SAT		

OVERALL GRADE: 95% for JPMs PASS

WRITTEN: SECTION A 96.2%

SECTION B 96.3%

OVERALL 96.2% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
REQUALIFICATION EXAM
AUGUST 24-28, 1992

INDIVIDUAL: I

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007	SAT		
2CR-025		SAT	SAT
2PL-005		SAT	SAT
2PL-062	SAT		
2PL-065		SAT	UNSAT
2CR-046		SAT	SAT
2CR-511	SAT		
2CR-060	SAT		
2PL-004		SAT	SAT
2PL-037	SAT		

OVERALL GRADE: 97.5% for JPMs PASS

WRITTEN: SECTION A 84.6%

SECTION B 92.3%

OVERALL 88.5% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: J

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007		SAT	SAT
2CR-025	SAT		
2PL-005	SAT		
2PL-062		SAT	SAT
2PL-065	SAT		
2CR-046	SAT		
2CR-511		SAT	SAT
2CR-060		SAT	SAT
2PL-004	SAT		
2PL-037		SAT	SAT

OVERALL GRADE: 100% for JPMs PASS

WRITTEN: SECTION A 84.6%

SECTION B 100%

OVERALL 92.3% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL: K

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007	SAT		
2CR-025		SAT	SAT
2PL-005	SAT		
2PL-065	SAT		
2PL-011		SAT	SAT
2CR-046		SAT	SAT
2CR-511	SAT		
2CR-060		SAT	SAT
2PL-004	SAT		
2PL-037		SAT	SAT

OVERALL GRADE: 100% for JPMs PASS

WRITTEN: SECTION A 92.3%

SECTION E 94.4%

OVERALL 93.4% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS

BEAVER VALLEY UNIT 2
 REQUALIFICATION EXAM
 AUGUST 24-28, 1992

INDIVIDUAL:

L

<u>JPM NUMBER</u>	<u>TASK</u>	<u>QUESTION 1</u>	<u>QUESTION 2</u>
2CR-007		SAT	SAT
2CR-025	SAT		
2PL-005		SAT	SAT
2PL-065		SAT	UNSAT
2PL-011	SAT		
2CR-046	SAT		
2CR-511		SAT	SAT
2CR-060	SAT		
2PL-004		SAT	SAT
2PL-037	SAT		

OVERALL GRADE: 97.5% for JPMS PASS

WRITTEN: SECTION A 96.2%

SECTION B 96.3%

OVERALL 96.2% PASS

SIMULATOR: INDIVIDUAL PASS

CREW PASS