

U. S. NUCLEAR REGULATORY COMMISSION REGION I
OPERATOR LICENSING EXAMINATION REPORT

EXAMINATION REPORT NO. 50-334/84-32

FACILITY DOCKET NO. 50-334

FACILITY LICENSE NO. DPR-66

LICENSEE: Duquesne Light Company
P. O. Box 4
Shippingport, Pennsylvania 15077

FACILITY: Beaver Valley Unit 1

EXAMINATION DATES: October 15-19, 1984

CHIEF EXAMINER: Original Signed By:
D. F. Johnson JAN 14 1985
Lead Reactor Engineer (Examiner) Date

APPROVED BY: Original Signed By:
R. M. Keller, Chief JAN 14 1985
Projects Section 1D Date

SUMMARY: Written and oral examinations were administered for eight instructor certifications (IC), four SRO, and four RO candidates. One IC candidate failed both the written and oral examination and one RO candidate failed the oral examination.

8502060390 850124
PDR ADCK 05000334
Q PDR

OFFICIAL RECORD COPY

BV EXAM REPORT - 0005.0.0
09/21/84

REPORT DETAILS

TYPE OF EXAMS: Replacement

EXAM RESULTS:

	RO Pass/Fail	SRO Pass/Fail	Inst. Cert Pass/Fail
Written Exam	*3/0	4/0	*6/1
Oral Exam	**2/1	4/0	7/1

*one candidate waived written exam

**one candidate waived oral exam

1. CHIEF EXAMINER AT SITE: D. Johnson, NRC

2. OTHER EXAMINERS: D. Ruscitto, NRC
P. Isaksen, EG&G Idaho, Inc.
G. Jeffries, EG&G Idaho, Inc.
D. Brooks, EG&G Idaho, Inc.

3. PERSONS EXAMINEDRO Candidates

D. Held
K. Pistorius
W. Selepec
D. Morgan

SRO Candidates

R. Irion
R. Mueller
J. Stauber
R. Vallecorsa

IC Candidates

T. Bean
W. Burgess
D. Burton
R. Ferrie
G. Keene
J. Kido
S. Rovin
J. Scott

4. EXAMINATION REVIEW MEETING COMMENT RESOLUTION

This section reflects resolution of substantive comments made during the exam review. Resolution of editorial comments or changes made during the exam, the exam review, or subsequent grading reviews was accomplished by making changes to the record copy of the exam. The modifications discussed below are included in the master exam key which is provided in this report. The following personnel were present for the exam review:

RO Examination

L. D. Brooks, EG&G Idaho, Inc.
D. G. Ruscitta, NRC
R. J. Brooks, BVPS
P. A. Russel, BVPS

SRO Examination

G. L. Jeffries, EG&G Idaho, Inc.
D. F. Johnson, NRC
T. Burns, BVPS
T. Kuhar, BVPS
G. Laughlin, BVPS

RO EXAMINATION COMMENTS

QUESTION

1.01a	Changed correct answer to "40-50 hours"
1.06	Accept explanation using the concept of "competition" vice "self shielding"
2.04a	Changed answer to read "auxiliary relay rack" vice "relay rack"
2.07	Changed question to read "ACB 41A & C" vice "ACB 41A & C"
3.07b	Changed correct answer to read "22% to 54%"
4.02	Changed correct answer to read "2000 PSIG" vice "543°F"
4.05b.1	Added additional answer to read ">= 8.9 PSIA but less than maximum allowable operating air partial pressure"
4.08.3	Will accept "d" as a plausible but not required answer
4.09a	Answer changed to read "Pressurizer water level > 22%"

SRO EXAMINATING COMMENTSQUESTION

- | | |
|-------|--|
| 5.03 | Will accept explanation of "less negative" if assumption is made that boron concentration remains the same and there is increased competition for neutrons by fission product poisons. |
| 5.10b | Will accept "Isolate affected SG to minimize cooldown" as plausible additional correct response |
| 6.02 | Will accept "Degasifier" or "Pressurizer Vent" as additional plausible correct responses |
| 6.07d | Change correct answer to read, "No effect because NI-44 does not input to any of the three OT Delta T channels" assuming that rods are not in automatic |
| 6.09 | Accept "Rod Injection Limit" as an additional plausible correct answer |
| 7.04 | Question not changed because information required is considered within the scope of 10 CFR 55 |
| 7.06c | Will delete part 1 only |
| 7.08 | Do not accept facility comment that operator starting diesel-driven air compressor as a possible answer because the question specifically states "automatic actions" |
| 8.03 | Accept "Plant Manager" or "Station Superintendent" |
| 8.09 | "The three remaining excore power range channels" will not be required for full credit |

Personnel Present at EXIT Interview:NRC Personnel

D. Johnson, Chief Examiner
D. Ruscitto, Examiner

Facility Personnel

J. Jones, General Manager, Nuclear Operations
W. Lacey, Plant Manager, Nuclear Operations
L. Schad, Operations Supervisor
T. Burns, Director, Nuclear Group Training
T. Kuhar, Training Coordinator, Operations

OFFICIAL RECORD COPY

BV EXAM REPORT - 0007.0.0
09/21/84

Attachments:

1. Written Examination(s) and Answer Key(s) (SRO/RO)