



Pennsylvania Power & Light Company

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Susquehanna
Training Center

January 28, 1991


Mr. Lee H. Bettenhauser
Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

SUSQUEHANNA TRAINING CENTER
Facility Grades - Requalification Examinations
PLA 3514 File A14-13D

Dear Mr. Bettenhauser:

Attached are the facility grades for the NRC requal exams administered at Susquehanna during the week of January 14, 1991, a summary of our results as compared to the program evaluation criteria of ES-601, and our evaluation of our Licensed Requalification Program.

We look forward to your evaluation of our program.


F. G. Stanley
Superintendent of Plant - SSES

Response: No

Attachments

| | | |
|-----|-----------------|-----|
| cc: | A. S. Fitch | w/a |
| | W. H. Lowthert | w/a |
| | T. R. Markowski | w/a |
| | H. J. Palmer | w/a |
| | R. M. Peal | w/a |
| | K. M. Roush | w/a |
| | NTG File | w/a |
| | SRMS-DCC: Site | w/o |

AF/Facility Grades

ASF/HGS/vah

LICENSED OPERATOR REQUAL PROGRAM
SELF-EVALUATION

Executive Summary

During the week of January 14, 1991, NRC administered Requal Exams were given at Susquehanna. Twenty individuals comprising five control room teams were examined. Results are as follows:

- All five control room teams were satisfactory.
- Ten out of ten SROs passed the simulator exam.
- Ten out of ten ROs passed the simulator exam.
- All twenty operators passed the walkthrough exam.
- All twenty operators passed the written exam.
- All Program Evaluation Criteria that can be evaluated by the facility were satisfied.
- The Licensed Operator Requalification is being conducted satisfactorily.

1.0 Exam Results

1.1 Individual Exam Results

| | RO Pass/Fail | SRO Pass/Fail | Total Pass/Fail |
|-------------|-----------------|------------------|--------------------|
| Written | 10/0 | 10/0 | 20/0 |
| Simulator | 10/0 | 10/0 | 20/0 |
| Walkthrough | 10/0 | 10/0 | 20/0 |
| Overall | 10/0 | 10/0 | 20/0 |

A more detailed summary by candidate is attached. Attachment 1 gives the grades, by candidate, for each section of the exam.

1.2 Generic Strengths and Weaknesses

Strengths

- Use and understanding of alarms
- Diagnosis of events/conditions
- SRO command and control
- Power/flow awareness
- JPM performance

Weaknesses

- Communications/crew interactions
- Level/pressure control and direction
- Radiation release procedure implementation

2.0 Program Evaluation

The Susquehanna Requal Program compares to the criteria of ES-601 as follows:

- 2.1 The facility and the NRC are in agreement on 100 percent of the pass/fail decisions for the simulator and walkthrough portions of the exam. The written grade comparison has not been completed as of this date. - C.2.b.(1)(b)
- 2.2 All crews passed. This exceeds the 75 percent requirement. C.2.b(1)(b)
- 2.3 All crews passed. This exceeds the two-thirds requirement. C.2.b(1)(c)
- 2.4 There were no crew failures, therefore C.2.b(2)(a) is not applicable.
- 2.5 SROs and ROs were evaluated in both license positions that they would be expected to fulfill at Susquehanna. - C.2.b(2)(b)
- 2.6 All facility evaluators were considered satisfactory. - C.2.b(2)(c)
- 2.7 Administrative controls (OI-AD-44) exist that preclude an SRO or RO without an active license from assuming license duties without satisfying the requirements of 10 CFR 55.53: - C.2.b(2)(b)

3.0 Lessons Learned

- Early contact between the Lead Examiner and the facility resulted in smooth administration of the requal exams.
- Simulator critical tasks should be reviewed.
- JPM questions should be reviewed for "look-ups."