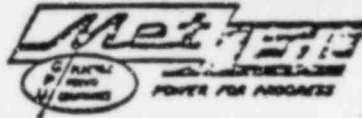


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METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

1ST OFFICE BOX 480 MIDDLETOWN, PENNSYLVANIA 17057

TELEPHONE 717-944-4041

May 20, 1974

Mr. Paul F. Collins
Chief
Operator Licensing Branch
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Collins:

Please consider this an application for a Hot Reactor Operator's license written and operating examination. In accordance with Section 55.10 of Regulation 10CFR55, the following information is given:

1. Name: William H. Zewe
Border Lane
R.D. #1
Hershey, Pa. 17033

Age: 28 - Citizen of the U.S.A. by birth

Present Employment: Auxiliary "A" Operator - Nuclear (February 14, 1972 - present) - Metropolitan Edison Company, Three Mile Island Nuclear Station, Unit I.

2. (A) Education:

1. W. Mifflin North - (1961-1964) - Graduated - W. Mifflin, Pa.
2. Steel Valley Technical School - (1964-1965) - Graduated - W. Mifflin, Pa.
3. Electronics "A" School - Graduated - Great Lakes, Ill. (36 weeks)
4. Basic Nuclear Power School - Graduated - Bainbridge, Md. (26 weeks)

5. Nuclear Power Prototype School - "S-3G Prototype" - Graduated - West Milton, N.Y. (26 weeks)

2. (B) Experience:

1. Auxiliary Operator "A" (2/14/72 - 10/1/73) Metropolitan Edison Company, Three Mile Island Nuclear Station, Middletown, Pa.

As an Auxiliary Operator I was responsible for the routine operations and monitoring of the TMI Unit I Balance of Plant Systems during hydro and hot functional testing programs.

2. Shift Foremen (10/1/73 - present) Metropolitan Edison Company, Three Mile Island Nuclear Station, Middletown, Pa.

My experience as Shift Foremen included the participation in the TMI Unit I Hot Functional Testing Program, fuel handling evolutions, and core loading activities. In addition, I will be participating in the Zero Power Physics Testing and Power Escalation Programs. During these programs I expect to receive a minimum of two start-ups before taking an AEC license Examination.

3. Previous Operator's License - none.
4. License is requested to operate a pressurized water reactor and specifically the Unit I facility at the Metropolitan Edison Company, Three Mile Island Nuclear Station.
5. See attached letter.
6. See Enclosure #1.
7. Chest X-ray and medical examination sent under separate cover.

Sincerely yours,

William H. Zewe

William H. Zewe

ENCLOSURE # I

TRAINING PROGRAM

Received By:

William H. Zewe

The general outline of Mr. Zewe's training programs are as follows:

1. Plant Systems and Operation (2/72-4/72) (8 wks).
2. Multimedia First Aid Training (12/11/72) (8 hours)
3. Sub-Station Training Program (2/3/73) (3 hours)
4. Auxiliary Operator "A" Nuclear Training Program (6/18/73-10/19/73)
(712 hours)
5. B&W Simulator Training Program by the Babcock and Wilcox Corp. (11/19/73-
11/30/73) (80 hours)
6. Prelicensing Review Program by Babcock and Wilcox Corp. (3/4/74-3/15/74)
(80 hours)
7. Technical Specifications 2.1 & 3.1 Curves Review Lecture (4/3/74)
(8 hours) by Babcock and Wilcox Corp.
8. Post Licensing Review Program (120 hrs) (3/4/74-3/23/74) by TMI Staff.

PRE-LICENSING REVIEW PROGRAM (March 4, 1974 - March 15, 1974)

I. Babcock and Wilcox Presentation Outline
For CRO and SFD Candidates

1. Reactor Theory
2. Heat Transfer and Fluid Flow
3. Reactor Physics and Kinetics
4. Reactivity and Coefficient and Problems
5. Reactor Poisons
6. Reactor Core, OTSG, Pressurizers, Vessel, Reactor Coolant Pumps and Fuel Assb.
7. Control Rod Drive Mechanical and Physics Characteristics
8. Safety Analysis
9. Integrated Control System
10. Reactivity Balance
11. Nuclear Instrumentation
12. In Core Instrumentation
13. Plant Computer
14. Radiation Protection

POST - LICENSING REVIEW PROGRAM

3/4/74 - 3/23/74

The purpose of this program was to provide additional training for those TMI Unit I personnel who failed the AEC License Examination of January 18, 1974. In addition, the program is to serve as a review for those additional Foremen who will be taking the Hot AEC Operators Examination (Scheduled tentatively for last week of June or the first week of July 1974).

The content of the review program was based upon all the weak areas defined by the AEC examiners after administering the exams of January 18, 1974. The program contained 120 hours of combined classroom, plant walk throughs, and the answers to typical exam questions. A brief outline of the subject matter covered is as follows:

1. Diesel Generator Operating Procedure and walk through
2. Reactor Theory Review
 - (a) Four and Six Factor Formula
 - (b) Reactivity Coefficients
 - (c) Physics Problems
 - (d) Reactor Poisons
 - (e) Reactivity Balance and ECP's
3. Integrated Control System
4. Safety Analysis
5. Control Rod Drive System
6. DNB, Hot Channel factors, heat transfer
7. Radiation Protection Manual and Emergency Procedures
8. Control Room Instrumentation and Alarm Panels
9. Review of Operations Procedures (Normal and Emergency)
10. Review of various Administrative Procedures
11. Incore Detectors
12. Review of Rad-Waste System
13. Plant Walk Throughs
14. Review of Normal and Emergency Electrical Systems
15. Review of Tech. Specs.
16. Review of Rad Monitoring System
17. Review of Instrument Air System

STUDENTS:

- | | | |
|--------------------|--------------------|-------------|
| 1. Walter Desh | 6. Charles Gilbert | 11. William |
| 2. Leo Hydrick | 7. George Kunder | |
| 3. Bernard Smith | 8. Walter Perks | |
| 4. Alfred Fredlund | 9. John Morgan | |
| 5. Marshall Beers | 10. Carl Guthrie | |