



Commonwealth Edison
 Production Training Center
 36400 South Essex Road
 Wilmington, Illinois 60481

March 19, 1991

Dr. Thomas E. Murley, Director
 Office of Nuclear Reactor Regulation
 U.S. Nuclear Regulatory Commission
 Washington, D.C. 20555

Attn: Document Control Desk

Subject: Dresden Units 2 and 3
 "Dresden Simulator Facility"
 Certification of Simulator Facility - 10CFR55.45
NRC Docket Nos. 50-237 and 50-249

Gentlemen:

The purpose of this letter is to submit information pursuant to 10CFR55.45.b.5 in order to attain certification of the Dresden Simulation Facility. This submittal for certification addresses both operating units at Dresden Station with Unit Dresden Unit 2 serving as the reference plant. In the section titled "Reg. Guide 1.149 Requirements" of our certification report, the requirements for dual plant simulation facilities are evaluated and the results demonstrate that the Dresden Simulator's performance compares favorably with each unit. In addition, steady state testing per ANSI/ANS-3.5, 1985 Appendix B was performed in 1990 and 1991. These tests compared the Dresden simulator performance to Dresden Unit 2 performance with favorable results.

The attachment to this letter contains two NRC Form 474's, i.e. one for each docket number and two copies of the Initial Certification Report, dated March 18, 1991. These documents certify the Dresden Simulation Facility meets the Nuclear Regulatory Commission's regulations. It is therefore Commonwealth Edison's intent to utilize this facility to conduct operating tests for Dresden operators at this facility.

Please direct any questions that you may have to the Nuclear Licensing Department, 708-515-7292.

Sincerely,

Darrell L. Taylor
 Nuclear Licensing Administrator

FFH/dkg

Attachment

cc: A. Bert Davis - RIII
 D. Hills - Resident Inspector, Dresden
 B. L. Siegel - NRR Project Manager, Dresden

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NRC Form 474
(10-85)
10 CFR § 55.46(b),
55.4 and 55.5

U.S. NUCLEAR REGULATORY COMMISSION
Approved by OMB
3150-0138
Expires 10-31-89

SIMULATION FACILITY CERTIFICATION

INSTRUCTIONS. This form is to be filed for initial certification, recertification (if required), and for any change to a simulation facility performance testing plan made after initial submittal of such a plan. Provide the following information, and check the appropriate box to indicate reason for submittal.

FACILITY
Dresden Station - Unit 2

DOCKET NUMBER
50-237

LICENSEE
Commonwealth Edison Co.

DATE
3/18/91

This is to certify that: 1. the above named facility licensee is using a simulation facility consisting solely of a plant-referenced simulator that meets the requirements of 10 CFR § 55.46; 2. this simulation facility meets the guidance contained in ANSI/ANS 2.5, 1983, as endorsed by NRC Regulatory Guide 1.149; and 3. documentation is available for NRC review in accordance with 10 CFR § 55.45(b). If there are any exceptions to the certification of item 2 above, check here and describe fully on additional pages as necessary. See Enclosure

NAME (or other identification) AND LOCATION OF SIMULATION FACILITY
Dresden Station Training Facility, Lorenzo Rd., R.R. #1, Morris
Illinois 60450

SIMULATION FACILITY PERFORMANCE TEST ABSTRACTS ATTACHED. (For performance tests conducted in the period ending with the date of this certification)

DESCRIPTION OF PERFORMANCE TESTING COMPLETED (Attach additional page(s) as necessary, and identify the item description being continued)
See Enclosure, Section A.3, Simulator Tests
See Enclosure, Attachment 2, Real Time/Steady State/Normal Operation/
Transient Test Data and Transient Review Board Results.

SIMULATION FACILITY PERFORMANCE TESTING SCHEDULE ATTACHED. (For the conduct of approximately 25% of performance tests per year for the four year period commencing with the date of this certification.)

DESCRIPTION OF PERFORMANCE TESTING TO BE CONDUCTED (Attach additional page(s) as necessary, and identify the item description being continued)
See Enclosure, Appendix A, Simulator Test Procedure and Malfunction
Testing Schedule.

PERFORMANCE TESTING PLAN CHANGE. (For any modification to a performance testing plan submitted on a previous certification)

DESCRIPTION OF PERFORMANCE TESTING PLAN CHANGE (Attach additional page(s) as necessary, and identify the item description being continued)
NA - Initial Certification

RECERTIFICATION (Describe corrective actions taken, attach results of completed performance testing in accordance with 10 CFR § 55.45(b)(5)(v). Attach additional page(s) as necessary, and identify the item description being continued.)

NA - Initial Certification

Any false statement or omission in this document, including attachments, may be subject to civil and criminal sanctions. I certify under penalty of perjury that the information in this document and attachments is true and correct.

SIGNATURE AUTHORIZED REPRESENTATIVE
J. E. Davis

TITLE
Production Training Manager

DATE
3/18/91

In accordance with 10 CFR § 55.5, Communications, this form shall be submitted to the NRC as follows:
BY MAIL ADDRESSED TO: Director, Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555
BY DELIVERY IN PERSON
TO THE NRC OFFICE AT: 7920 Norfolk Avenue
Bethesda, MD

SIMULATION FACILITY CERTIFICATION

INSTRUCTIONS. This form is to be filed for initial certification, recertification (if required), and for any change to a simulation facility performance testing plan made after initial submittal of such a plan. Provide the following information, and check the appropriate box to indicate reason for submittal.

FACILITY Dresden Station - Unit 3	DOCKET NUMBER 50- 249
LICENSEE Commonwealth Edison Company	DATE 3/18/91

This is to certify that: 1. the above named facility licensee is using a simulation facility consisting solely of a plant-referenced simulator that meets the requirements of 10 CFR § 55.45; 2. this simulation facility meets the guidance contained in ANSI/ANS 3.5, 1985, as approved by NRC Regulatory Guide 1.149; and 3. documentation is available for NRC review in accordance with 10 CFR § 55.45(b). If there are any exceptions to the certification of item 2 above, check here and describe fully on additional pages as necessary. See Enclosure

NAME (or other identification) AND LOCATION OF SIMULATION FACILITY
Dresden Station Training Facility, Lorenzo Road, R.R. #1, Morris, Illinois 60450

SIMULATION FACILITY PERFORMANCE TEST ABSTRACTS ATTACHED. (For performance tests conducted in the period ending with the date of this certification)

DESCRIPTION OF PERFORMANCE TESTING COMPLETED (Attach additional page(s) as necessary, and identify the item description being continued)
See Enclosure, Section A.3, Simulator Tests
See Enclosure, Attachment 1, Regulatory Guide 1.149 Requirements for Dual Plant Simulation Facility.
See Enclosure, Attachment 2, Real Time/Steady State/Normal Operation/Transient Test Data and Transient Review Board Results.

SIMULATION FACILITY PERFORMANCE TESTING SCHEDULE ATTACHED. (For the conduct of approximately 25% of performance tests per year for the four year period commencing with the date of this certification.)

DESCRIPTION OF PERFORMANCE TESTING TO BE CONDUCTED (Attach additional page(s) as necessary, and identify the item description being continued)
See Enclosure, Appendix 4, Simulator Test Procedure and Malfunction Testing Schedule.

PERFORMANCE TESTING PLAN CHANGE. (For any modification to a performance testing plan submitted on a previous certification)

DESCRIPTION OF PERFORMANCE TESTING PLAN CHANGE (Attach additional page(s) as necessary, and identify the item description being continued)
NA - Initial Certification

RECERTIFICATION (Describe corrective actions taken, attach results of completed performance testing in accordance with 10 CFR § 55.45(b)(5)(v). Attach additional page(s) as necessary, and identify the item description being continued.)

NA - Initial Certification

Any false statement or omission in this document, including attachments, may be subject to civil and criminal sanctions. I certify under penalty of perjury that the information in this document and attachments is true and correct.

SIGNATURE - AUTHORIZED REPRESENTATIVE <i>L. Edwards</i>	TITLE Production Training Manager	DATE 3/18/91
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