



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-10

DRESDEN NUCLEAR POWER STATION UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 27
License No. DPR-2

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Commonwealth Edison Company (the licensee) dated September 11, 1978, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

781127-2073

2. Accordingly, Facility Operating License No. DPR-2 is hereby amended as indicated below:

A. Replace paragraph 2.C(3) with the following:

(3) Licensee Commitments Related to IEEE-279 - 1968:

Commonwealth Edison shall complete the modifications identified in their June 30, 1975 letter (B. B. Stephenson, CECO to J. G. Keppler, NRC) and their January 12, 1976 letter (R. L. Boiger, CECO to the Director of Nuclear Reactor Regulation, NRC) prior to returning Dresden Nuclear Power Station Unit No. 1 to service following the November 1978 outage to decontaminate the primary cooling system. This outage is presently scheduled to begin November 1978. Dresden Unit No. 1 shall not be operated after October 31, 1978 unless these modifications have been completed (except for the purpose of low power physics tests conducted prior to midnight on December 31, 1978).

B. Replace paragraph 2.C(4) with the following:

(4) Exemption from 10 CFR §50.46, Appendix K:

- (1) As requested, exemption is granted from the requirements of 10 CFR 50.46 with respect to the design and diversity of emergency systems and the diversity of emergency power sources, but not from the specific performance requirements of the FAC.
- (2) Commonwealth Edison shall comply with such conditions now in effect or which may hereafter be imposed by the Director of Nuclear Reactor Regulation relating to inspection, testing, or operating of the Dresden ECCS.
- (3) Commonwealth Edison shall exert its best efforts to complete the proposed ECCS modifications at the earliest possible date.
- (4) The exemption shall expire on October 31, 1978 (except for the purpose of low power physics tests conducted prior to midnight on December 31, 1978).

C. Replace paragraph 2.C(5) with the following:

(5) Interim License Conditions:

Commonwealth Edison shall not operate Dresden Station Unit No. 1 after December 31, 1977 unless the following conditions are satisfied:

- (1) Motor operated valve MO 130 shall be electrically disabled in the full open position.
- (2) An operating procedure shall require the operator to determine the feedwater control valve position following a LOCA and to open bypass valve MO 50 if the control valve has failed closed.
- (3) Install and utilize a 345/138 KV transformer connecting the Dresden Unit No. 1 138 KV system with the Dresden Unit Nos. 2 and 3 345 KV system.
- (4) Install and maintain in place, a flexible hose connection between the Dresden 1 fire pump and the suction to the core spray system. This shall not be required during low power physics tests.
- (5) The Dresden Unit No. 1 station batteries shall be restrained to withstand potential seismic loads.
- (6) Electrical Motor Control Cabinets containing controls for essential or backup ECCS equipment shall be restrained for potential seismic loads.
- (7) The backup diesel generator and associated feedwater pump and condensate pump shall be operable or the reactor shall be placed in hot shutdown within 24 hours. This equipment shall not be required for low power physics tests.
- (8) Five smoke detectors shall be installed and operable in the cable tunnel. These detectors shall alarm in the control room and the reactor shall be scrammed immediately if the smoke detector alarm is automatically actuated by fire or smoke.
- (9) The existing reactor protection system surveillance procedure shall be modified to require that the RPS functional capability be verified weekly at the scram solenoid fuse cabinet in the containment rather than from the control room.


- (10) An hourly inspection of the scram solenoid circuit between the reactor control room and the containment shall be carried out until the scram solenoid circuit is modified to eliminate the potential of hot shorts in the scram solenoid circuit that can prevent a reactor scram. Replacement of the existing circuit with one contained in grounded conduit is an acceptable method to eliminate this potential.
- (11) Commonwealth Edison shall submit a monthly progress report to the Nuclear Regulatory Commission which indicates Commonwealth Edison's progress toward completion of their scheduled ECCS modifications and ICLL-279 and fire protection modifications including related activities which could affect these projects such as the decontamination program and construction of a new radwaste facility.

D. Replace paragraph 2.C(6) with the following:

- (6) Surveillance Requirements: (Not required for low power physics tests)
 - (1) The backup diesel generator shall be manually started and loaded once each month to demonstrate operational readiness. The test shall continue until both the diesel engine and the generator are at equilibrium conditions of temperature while full load output is maintained.
 - (2) Every week the specific gravity and voltage of the backup diesel battery shall be measured.
 - (3) Once a month the quantity of diesel fuel for the backup diesel shall be verified to be greater than 4500 gallons.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Date of Issuance: November 9, 1978