



Commonwealth Edison

Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

February 1, 1991

EDE LTR: #91-073

Director, Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

Subject: 1990 Annual Report
Dresden Nuclear Power Station
Commonwealth Edison Company
Docket Nos. 50-010, 50-237, and 50-249

Gentlemen:

Enclosed is the Dresden Nuclear Power Station 1990 Annual Report of Changes, Tests and Experiments per 10 CFR 50.59.

This report is submitted pursuant to Title 10, Code of Federal Regulations, Part 50, Section 50.59 (b) (2). Please note that beginning with calendar year 1989, all the information required by 10 CFR 50.59 has been submitted on a monthly basis as part of the Monthly Operating Summary reports.

Sincerely,

E. D. Eenigenburg
Station Manager
Dresden Nuclear Power Station

EDE:DM:jws

Enclosure

cc: U.S. NRC Region III Office.
Illinois Dept. of Nuclear Safety, State of Illinois.
U.S. NRC, Document Management Branch.
Nuclear Licensing Administrator.
Vice Pres. - BWR Operations.
General Manager - Nuclear Services.
T. S. ENGR. (2).
NRC Senior Resident Inspector.
Nuclear Quality Programs - Dresden.
Nuclear Engineering Manager.
Comptroller's Office.
D. Eggett - Reliability Programs.
INPO Records Center.
File/NRC Op. Data.
File/Numerical.

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1990 ANNUAL REPORT
SUMMARY OF OPERATING EXPERIENCE,
CHANGES, TESTS, AND EXPERIMENTS
PER 10 CFR 50.59
FOR
DRESDEN NUCLEAR POWER STATION
COMMONWEALTH EDISON COMPANY

<u>UNIT</u>	<u>DOCKET</u>	<u>LICENSE</u>
1	050-010	DPR-2
2	050-237	DPR-19
3	050-249	DPR-25

TABLE OF CONTENTS

- 1.0 Introduction
- 2.0 Annual summary of plant or procedure changes, tests and experiments.
 - 2.1 Amendments to Facility License or Technical Specifications
(Units 2 and 3)
 - 2.2 Changes to Procedures Which are Described in the Final Safety
Analysis Report (FSAR) (Units 2 and 3)
 - 2.3 Significant Tests and Experiments Not Described in the FSAR
(Units 2 and 3)
 - 2.4 Completed Safety Related Modifications
 - 2.5 Temporary System Alterations (Units 2 and 3)

1.0 Introduction

The Dresden Nuclear Power Station (DNPS) is a three-unit facility owned by Commonwealth Edison Company and located near Morris, Illinois. Unit 1, a General Electric Boiling Water Reactor with a design net electrical output rating of 200 megawatts electrical (MWe), is retired with all fuel removed from the reactor vessel. Therefore, no Unit 1 operating data is provided within this report. Units 2 and 3 utilize General Electric Boiling Water Reactors and have an initial design net electrical output rating of 794 MWe. Waste heat is rejected to a man-made cooling lake using the Kankakee River for make-up and the Illinois river for blowdown. The architect-engineer for the Dresden Units was Sargent and Lundy.

The 1990 Annual Report of Changes, Tests, and Experiments per 10 CFR 50.59 for Dresden Nuclear Power Station, (DNPS), Commonwealth Edison Company (1990 DNPS 10 CFR 50.59 Report) is submitted to the Nuclear Regulatory Commission (NRC) pursuant to the requirements of Title 10, Code of Federal Regulations (10 CFR), Section 50.59(b)(2).

For each of the changes, tests, and experiments described herein, a safety evaluation was performed which determined that the change, test, or experiment did not constitute an unreviewed safety question.

This report was compiled by D. C. Maxwell of the Technical Staff, telephone number (815) 942-2920 extension 2489.

2.0 Annual Summary of Plant or Procedure Changes, Tests and Experiments.

2.1. Amendments to Facility License or Technical Specifications for Unit 2 and Unit 3.

This section has been reported on a monthly basis in the Dresden Nuclear Power Station Monthly Operating Summary Reports (Sections 5.1.1 and 5.1.2) for January 1990 through December 1990.

2.2. Changes to Procedures Which are Described in the Final Safety Analysis Report (FSAR) (Units 2 and 3).

This section has been reported on a monthly basis in the Dresden Nuclear Power Station Monthly Operating Summary Reports (Section 5.2) for January 1990 through December 1990.

2.3. Significant Tests and Experiments Not Described in the FSAR (Units 2 and 3).

This section has been reported on a monthly basis in the Dresden Nuclear Power Station Monthly Operating Summary Reports (Section 5.3) for January 1990 through December 1990.

2.4. Completed Safety Related Modifications (Units 2 and 3).

This section has been reported on a monthly basis in the Dresden Nuclear Power Station Monthly Operating Summary Reports (Section 5.5) for January 1990 through December 1990.

2.5. Temporary System Alterations (Units 2 and 3).

This Section has been reported on a monthly basis in the Dresden Nuclear Power Station Monthly Operating Summary Reports (Section 5.6) for January 1990 through December 1990.