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CARTEAUX, P.F. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele R
RECIP.NAME RECIPIENT AFFILIATION
RING, M.A. Document Control Branch (Document Control Desk) I

SUBJECT: Forwards one complete set of approved ref mats for use in
developing & administering upcoming NRC reactor operator
exams, per NRC 930428 ltr. D

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Cook Nuclear Plant
Training Center
P.O. Box 458
Bridgman, MI 49106
616 465 5901



June 2, 1993

Donald C. Cook Nuclear Plant Units 1 & 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
SUBJECT: RO/SRO INITIAL/REQUAL LICENSE EXAMINATION
Reference Materials

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Attention: Mr. Mark A. Ring

REFERENCE: (a) USNRC Letter Dated April 28, 1993 from Mr. Mark A. Ring
to Mr. E. E. Fitzpatrick (90-day Notification Letter)

Dear Mr. Ring:

As required by reference (a), this letter transmits one complete set of approved (where appropriate) D.C. Cook Plant reference materials for use in developing and administering our upcoming NRC initial examinations. Accompanying this letter are seventeen (17) boxes containing these materials. A complete replication of these materials except as noted on Attachment 1 has been sent to Sonalysts Incorporated.

For your convenience a brief summary of the contents of these boxes is provided as Attachment 1. The JPMS submitted are for use with initial and requalification retake exams. The specific JPMS to be used for the requalification exam will be selected and delivered at a later date.


If you have any questions regarding this submittal or require additional materials, please contact Mr. John Stubblefield at (616) 465-5901, extension 3108.

Sincerely,


P. F. Carteaux
Training Superintendent

/jd

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PDR



JEH

RO/SRO INITIAL LICENSE EXAMINATION
June 2, 1993

Enclosure

cc: A. A. Blind
J. A. Stubblefield
R. T. Scott
Sonalysts, Inc.
T. E. Murley, USNRC
J. Isom, Senior NRC Resident Inspector, Cook Nuclear Plant

SUMMARY OF CONTENTS
D.C. Cook Plant Reference Materials
in Support of August 1993 USNRC Examination

1. **TRAINING REFERENCES**

- ▶ Lesson Plans - Reactor operator and senior reactor operator lesson plans which include learning objectives. Per telephone conversation between Doug Shepard and J. Stubblefield, the fundamentals lesson materials have not been included.
- ▶ Plant System Descriptions - These are not operating procedures but rather training references for system operation.
- ▶ Job Performance Measures (JPMs) - These include tasks covering local operations and tasks within the control room complex.

2. **COMPLETE PROCEDURE INDEX**

- ▶ Combined Reference Book Index. This index book contains all required references except the System Description, Simulator Related Materials and Prints. The index for those documents are attached to the specific reference.

3. **ADMINISTRATIVE PROCEDURES**

- ▶ Plant Manager Procedures (PMPs)
- ▶ Plant Manager Instructions (PMIs)
- ▶ Operations Head Instructions (OHIs)

4. **INTEGRATED PLANT PROCEDURES**

- ▶ Normal OHP 4021 Series

5. **EMERGENCY AND ABNORMAL PROCEDURES**

- ▶ Abnormal OHP 4022 Series
- ▶ Emergency OHP 4023 Series

6. STANDING ORDERS

- ▶ Plant Manager's Standing Orders (PMSOs)
- ▶ Operations Standing Orders (OSOs)

7. SURVEILLANCE PROCEDURES

- ▶ Surveillance - OHP 4030 Series

8. FUEL HANDLING AND CORE LOADING PROCEDURES

- ▶ Fuel Handling - OHP 4050 Series (Unit 2 only)

9. ANNUNCIATOR/ALARM PROCEDURES

- ▶ Annunciator - OHP 4024 Series

10. RADIATION PROTECTION MANUAL

This is incorporated within the PMP 6010.RPP Series.

11. EMERGENCY PLAN IMPLEMENTING PROCEDURE

This is incorporated within the PMP 2080.EPP Series.

12. TECHNICAL SPECIFICATIONS

- ▶ Unit 1 and 2 Technical Specifications and Clarifications

13. SYSTEM OPERATING PROCEDURE

Refer to Item #4 and #5 above.

14. PIPING AND INSTRUMENT DIAGRAMS

This includes electrical one-line diagrams for 4160, 600, and 120 Volt AC and 250 Volt DC.

- ▶ All flow PID Diagrams (5100 Series Drawings.)
- ▶ Electrical Single Line Diagrams (12000 including 4160, 600, and 120V AC and 250 V DC Series.)
- ▶ Logic/Functional diagrams covering all major instrument and control system (98500 Series drawings.)

15. TECHNICAL DATA BOOK

The enclosed Technical Data Book does not have a controlled set of precautions, limitations, and setpoints. This information is contained in individual plant and systems operating procedures as necessary.

16. FACILITY EXAM BANK

Electronic File on WordPerfect.

17. SIMULATOR REFERENCES

- ▶ Differences between the simulator and Unit #2 control room.
- ▶ Listing of pre-programmed initial conditions.
- ▶ Malfunction cause and effect which includes an explanation of the ability to vary the severity of a particular malfunction.
- ▶ RO/SRO program simulator training scenarios (lesson plans.)

18. PLANT SAFETY MANUAL

- ▶ Sent to Sonalysts only.