NRC FORM 195 (2-76) U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER 50-331

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TO: Mr. Paul Collins	FROM: Iowa Elec. Light & Power Co. Cedar Rapids, Iowa 52406 E.L. Hammond	DATE OF DOCUMENT 5-24-76 DATE RECEIVED 6-1-76
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DESCRIPTION Ltr trans the following:

ENCLOSURE Revision #1 to Duane Arnold Operator Training Program.... with attachments 1-7....

(1 cy encl rec'd)

ACKNOWLEDGED

PLANT NAME: Duane Arnold Plant

DO NOT REMOVE

FOR ACTION/INFORMATION DHL 6-3-76

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NRC FORM 195 (2-76)

Regulatory Docket File

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
May 24, 1976
DAEC 76-159

50-331

Mr. Paul Collins
Chief, Operator Licensing Branch
Directorate of Licensing
7920 Norfolk Avenue
Bethesda, Maryland 20034

Subject: Duane Arnold Energy Center Operator Training Program

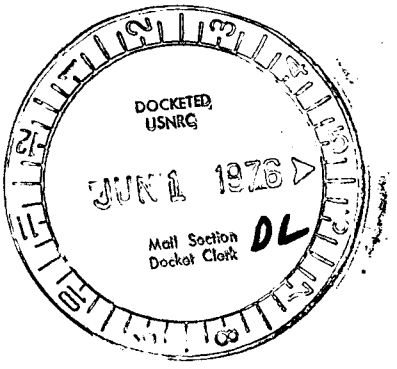
File: A-205d

Dear Mr. Collins:

Please find enclosed for your review the Duane Arnold Energy Center Operator Training Program, Revision 1. The document has been revised to alleviate discrepancies discussed with Mr. R. Martin on the description of the program, and to incorporate the necessary forms being used at present for documentation of training evolutions.

Please review at your earliest convenience and advise us of your comments and/or approval of the proposed changes.

E. L. Hammond
Assistant Chief Engineer
Duane Arnold Energy Center



DWK/ELH/ab
Enclosure
cc: G. G. Hunt w/o enclosure
B. R. York "
D. L. Wilson "
D. W. Kalavitinos "

558

DUANE ARNOLD ENERGY CENTER

OPERATOR TRAINING PROGRAM

Revision 1

OUTLINE

Introduction

I.

Purpose:

To set forth a program by which holders and prospective holder of Nuclear Regulatory Commission Reactor Operator and Senior Operator licenses will be trained for initial and subsequent renewal licensing.

Discussion:

The DAEC Operator Training Program is divided into two separate sections. The first of these is the operator Initial Licensing Program. This program will be designed to give unlicensed personnel the knowledge and experience necessary to meet the standards set forth in Federal Regulations for license application.

The second section of this training program will be Licensed Operator Retraining. This program will be conducted in order to keep operator proficiency at a high level. It is designed to meet or exceed all Federal Regulations pertaining to Operator retraining and renewal licensing. The training program will be accomplished through a combination of the following:

1. On-site lecture series supplemented at times by films, video tapes and other effective training aids. The following general subject areas, as a minimum, will be covered during the lectures of both sections of this program.

   a. Reactor Theory
   b. Facility Design Features
   c. Instrumentation and Control
   d. Radiation Protection
   e. Station Operating and Emergency Instructions
   f. ECCS and Their Performance
   g. Specific Operating Characteristics
   h. Fuel Handling and Core Parameters
   i. Technical Specifications
   j. Chemistry and Waste Disposal
   k. Applicable Portions of 10CFR, Code of Federal Regulations

2. Evaluation Exams

3. Implementation and documentation of an operator review program whereby all licensed personnel are kept cognizant of:

   a. Operating and integrated plant operating instructions.

   b. Applicable administrative control procedures.

   c. Technical Specifications.

1 | d. Reportable Occurrence Reports

   e. Plant Design Changes.

4. Actual control manipulation, or direct supervision thereof, for at least 10 reactor startups, shutdowns, or significant reactivity changes which demonstrate familiarity with reactivity control systems. Reactivity changes that take place during Surveillance testing may be documented for training purposes.

   Documentation of the initial training program will be accomplished through the use of records in each individual's training file. For documentation of retraining efforts a control room training notebook will be utilized with information therein contained periodically transferred to each individual training file. See attachment #1 (DF 201).

   The Assistant Chief Engineer has the responsibility of administering all training efforts. He will insure on a regular basis that each individual enrolled in the program is making satisfactory progression. The Operations Supervisor will be responsible for maintaining adequate records of all training efforts, with the exception of the control room training notebook which will be maintained by each individual and reviewed by the Shift Supervisors and Operations Supervisor on a periodic basis.

II.

1 | As a need for additional Nuclear Regulatory Commission licenses at DAEC arises, a training program will be initiated to assure each individual's training and experience is adequate for license application submittal. This program will consist of the following:

A. Classroom instruction in the following subject areas.

a. Reactor Theory
b. Facility Design Features
c. Instrumentation and Control
d. Radiation Protection
e. Station Operating and Emergency Instructions
f. ECCS and Their Performance
g. Specific Operating Characteristics
h. Fuel Handling and Core Parameters
i. Technical Specifications
j. Chemistry and Waste Disposal
k. Applicable Portions of 10CFR, Code of Federal Regulations

Periodic quizzes shall be administered throughout the classroom training program and records maintained such that the candidate's progress may be evaluated and adjustments can be made to the program.

B. Documentation of the classroom instruction area will be maintained by the Operations Supervisor. Documentation will consist of:

a. Attendance Records. See attachment #2 (DF 210).
b. Curriculum Schedule.
c. Periodic evaluation of examination results.

These records will be maintained for the purpose of license application preparation. The application will then become a part of each individual's training record.

C. Actual manipulation of station controls sufficient to demonstrate ability to operate in a safe and competent manner.

a. Records (attachments #1 (DF 201) & #3 (DF 207) will be maintained in the control room training notebook and all training pertinent to licensing will be recorded in this book by each license applicant as he performs evolutions. This book will be regularly reviewed by the Shift Supervisors and Operations Supervisor.

D. Upon completion of the above each prospective licensee will be required to pass a company administered exam similar in scope and depth to a Nuclear Regulatory Commission Examination.

When personnel receive a license from the Commission, a copy of that license and any report from the Commission pertaining to the person's weak areas on the examination will be placed in the training file. The licensed operator will then be enrolled in the retraining program. The Commission's report on the examination will serve as the basis for each new licensee's retraining efforts.

Rev. 1

III.

1 A retraining program will be conducted in order to keep operator and senior operator proficiency at a high level. This program will consist of the following:

A. Evaluation Examinations

1. Examinations will be administered to each licensed operator and Senior operator at least annually. The Assistant Chief Engineer and Operations Supervisor shall not be required to take the annual examinations as they are directly involved in the preparation and approval process for the written annual examinations.

1

2. Reactor operator examination categories will be:

a. Principles of Reactor Operation
b. Features of Facility Design
c. General Operating Characteristics
d. Instruments and Controls
e. Safety and Emergency Systems
f. Standard and Emergency Operating Procedures
g. Radiation Control and Safety

3. Senior Operator examination categories will be:

h. Reactor Theory
i. Radioactive Material Handling, Disposal and Hazards
j. Specific Operating Characteristics
k. Fuel Handling and Core Parameters
l. Administrative Procedures, Conditions and Limitations

4. Each licensed operator or senior licensed operator failing to achieve an overall examination grade of 70% will be relieved of his licensed duties in a timely manner and will be required to participate in an accelerated requalification program. A judgement will be made by the Assistant Chief Engineer at the time of failure as to how the accelerated program may best be administered.

1

5. The following information in relation to evaluation examinations will become a permanent part of each license holders training file.

a. Identity of examination questions (from master file)
b. Copy of licensees answers and numerical grade given for that answer.
c. Licensees achieved grade on each exam section and his overall percentage grade. See attachment #6 (DF 202)
d. Recommendations for retraining on those sections that licensee fails to achieve a grade of 70%.

B. On-Site Lecture Series

1. An on-site lecture series will be conducted dependent on operator performance or as the Operations Supervisor deems necessary. The following general sections will comprise the lecture series with the approximate time per section noted.

   a. Reactor Theory (8 hours)
   b. Facility Design Features (4 hours)
   c. Instrumentation and Control (8 hours)
   d. Radiation Protection (4 hours)
   e. Station Operating and Emergency Instructions (8 hours)
   f. ECCS and Their Performance (8 hours)
   g. Specific Operating Characteristics (8 hours)
   h. Fuel Handling and Core Parameters (4 hours)
   i. Technical Specifications (4 hours)
   j. Chemistry and Waste Disposal (4 hours)
   k. Applicable Portions of 10 CFR, Code of Federal Regulations (4 hours)

   No more than 50% of the above lecture series will be supplemented by films, video tapes or training slides.

2. Each licensed operator and senior licensed operator shall attend the lecture series dependent on examination performance. However, individual attendence at a specific lecture is mandatory if the individual achieved a grade of less than 80% on the applicable section of the annual evaluation examination. Periodic examinations will be administered throughout the lecture series. A grade of 80% will be considered passing.

3. The normal lecture series will be scheduled so that each individual will have the opportunity to attend each lecture in the normal course of his shift routine.

4. The Operations Supervisor will insure the following records are maintained for the lecture series.

   a. Attendance records. See attachment #2.
   b. Periodic quizzes administered, the answers given by licensees and the numerical grades assigned.
   c. Schedule and curriculum record.

C. Operator Review Program

1. A document review notebook shall be maintained in the Control Room. The Operations Supervisor shall periodically enter updated revisions of the below listed documents into this notebook for review by all licensed personnel.

a) Operating Instruction and Integrated Plant Operating Instructions
b) Applicable Administrative Control Procedures
c) Technical Specifications
d) Reportable Occurrence Reports
e) Plant Design Changes

2. For each document entered, a sign-off sheet, attachment #5 (DF 203), shall be placed in the notebook to document review by all licensed personnel. Upon completing his review of a given document, each licensee shall sign, and date the applicable sign-off sheet indicating he has reviewed and and understands the content of the document.

3. Each Shift Supervising Engineer shall periodically review the sign-off sheets to insure satisfactory review progress by the members of his crew. The group discussion method is encouraged for members of the on-shift crews.

4. The Operations Supervisor shall control the rate at which material is entered into the review notebook such that an annual review of Emergency Instructions are assured.

5. The following documentation relative to the review program shall be maintained by the Operations Supervisor and where applicable, become a permanent part of each licensee's training file:

   a. Completed review program sign-off sheets.
   b. An up-to-date index of all plant Operating and Emergency Instructions, and Technical Specifications, showing the date each was last reviewed (sign-off sheet completed).

D. Reactivity Control Manipulations

1. Each licensed operator and senior operator is required to perform or direct at least ten significant reactivity changes, which demonstrate skill and/or familiarity with control systems, during the two year duration of his license.

2. A listing of the evolutions for which credit will be taken by 1) the operator perfroming the event and 2) the senior operator supervising the event is included in attachment #1. Every attempt will be made to obtain a mixture of these evolutions for the required ten significant reactivity changes.

3. Manipulations will be documented by each individual on the appropriate page of the Control Room Training Notebook (see attachment 1 (DF 201). This information will be incorporated into the individual training file by the Operations Supervisor.

E. Operating Experience

1. The Operations Supervisor shall ensure that all licensed personnel maintain adequate proficiency on plant controls. By scheduling all persons, who do not on a regular basis operate plant controls, for periodic shift operations their certification can be maintained.

2. Any person absent from operating duties for an extended period of time will be given a written evaluation examination and/or an oral examination to determine any areas in which he needs accelerated training prior to his return to operating duties. In addition to these examinations, he will be required to meet the criteria stated in section III.C.2 that covers the period that he was absent from operating duties.

3. All licensed personnel will be systematically evaluated at least annually by the plant management. This evaluation will be performed and documented. See attachment #7 (DF 206).

F. Additional Training

1. Any off-site seminars, classes, or demonstrations which contribute to a licensee's qualifications and are attended by those persons will be documented. See attachment #3 (DF 207)

IV.

1. Documentation, records, and training material are subject to auditing as provided in the Duane Arnold Energy Center Administrative Control Procedures.

DF 201 (1 of 5) (4-76)

OPERATOR EXPERIENCE LOG - Page 1

OPERATOR/ENGINEER NAME _____ CREW _____

LICENSE SERIAL NO. _____ TYPE ☐ LO ☐ SLO ☐ NO LIC

COVERS PERIOD FROM _____ (MO - YR) TO _____ (MO - YR)

SECTION I - ACTUAL OPERATING EXPERIENCE - HOURS

Month	% CSD	SSE (SLO)	NSOE (LO)	ASST NSOE (LO)	2ND ASST NSOE	NS AUX ENG	OTHER (NOTE DUTY) (SLO)	OTHER (NOTE DUTY) (LO)	OPER INIT	VERIFYING SIGNATURE (SSE)
JAN										
FEB										
MAR										
APR										
MAY										
JUNE										
JULY										
AUG										
SEPT										
OCT										
NOV										
DEC										

REMARKS:

DATE	REMARKS	REMARKS BY:

Rev. 1
Attachment #1

DF 201 (2 of 5) (4-76)

OPERATOR EXPERIENCE LOG - Page 2

OPERATOR/ENGINEER NAME _____ CREW _____

LICENSE SERIAL NO. _____ TYPE ☐ LO ☐ SLO

COVERS PERIOD FROM _____ (MO - YR) TO _____ (MO - YR)

SECTION II - REACTIVITY CONTROL MANIPULATIONS

MANIPULATION	CONDITION INIT	CONDITION FINAL	COMPLETED DATE	COMPLETED TIME	EVAL (1)	EVAL (2)	SLO VERIFYING SIGNATURE
1. CRITICALITY OR SUBCRITICALITY CONDITIONS SRM←→IRM							
2. TEMP CHG>50°F AT >50°F/HR CONDITIONS X °F←→Y°F							
3. POWER CHG > 10% THERMAL CONDITIONS X%←→Y%							
4. ADDITIONAL MANIPULATIONS (TYPES 1, 2, OR 3 ABOVE) TYPE							

NOTES:
(1) ADD "TRNR" IN EVAL COLUMN IF DONE ON TRAINER SIMULATOR
(2) USE EXC, VGD, GD, FAIR, POOR

DF 201 (3 of 5) (4-76)

OPERATOR EXPERIENCE LOG - Page 3

OPERATOR/ENGINEER NAME _____ CREW _____

LICENSE SERIAL NO. _____ TYPE ☐ LO ☐ SLO

COVERS PERIOD FROM _____ (MO - YR) TO _____ (MO - YR)

SECTION II - REACTIVITY CONTROL MANIPULATIONS

MANIPULATION	DATE	TIME	EVAL (1,2)	SLO SIGNATURE
5. Fuel Movement Into or From Core				
6. Use of Emergency Procedure or Transient Condition where Reactivity is Changing				
7. Shutdown Margin Checks				

NOTES:
(1) ADD "TRNR" IN EVAL COLUMN IF DONE ON TRAINER SIMULATOR

(2) USE EXC, VGD, GD, FAIR, POOR

Attachment #1
Rev. 1

DF 201 (4 of 5) (4-76)

OPERATOR EXPERIENCE LOG - Page 4

OPERATOR/ENGINEER NAME _____ CREW _____

LICENSE SERIAL NO. _____ TYPE ☐ LO ☐ SLO

COVERS PERIOD FROM _____ (MO - YR) TO _____ (MO - YR)

SECTON II - REACTIVITY CONTROL MANIPULATIONS

MANIPULATION	DATE	TIME	EVAL (1,2)	SLO SIGNATURE
8. CRD Scram and Insertion Testing				
9. Control Rod Sequence Changes				
10. Additional Types 5 thru 9				

NOTES:
(1) ADD "TRNR" IN EVAL COLUMN IF DONE ON TRAINER SIMULATOR
(2) USE EXC, VGD, GD, FAIR, POOR

.DF 201 (5 of 5) (4-76)

OPERATOR EXPERIENCE LOG - Page 5

OPERATOR/ENGINEER NAME _____ CREW _____

LICENSE SERIAL NO. _____ TYPE ☐ LO ☐ SLO ☐ NO LIC

COVERS PERIOD FROM _____ (MO - YR) TO _____ (MO - YR)

SECTION III - OTHER SIGNIFICANT TRAINING OPERATIONS

TRAINING OPERATION (2)	TRNG ID(2)	DUTY STA	COMPLETED DATE	COMPLETED TIME	EVAL (1) (3)	VERIFYING SIGNATURE

NOTES

1. ADD "SIM" IN EVAL COLUMN IF SIMULATED AT DAEC
   ADD "TRNR" IN EVAL COLUMN IF DONE ON TRAINER SIMULATOR
2. USE DESCRIPTION AND ID FROM TRAINING MANUAL TABLE.
3. USE EXC, VGD, GD, FAIR, POOR

Attachment #1
Rev. 1

DF 210 (5-74)

TRAINING ATTENDANCE RECORD

Subject _____ Date _____

Given By _____

☐ Lecture

☐ Group Discussion

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

ATTACHMENT 2

DF 207 (5-74)

ADDITIONAL TRAINING RECORD - PAGE ____

OPERATOR/ENGINEER NAME_____

PERIOD COVERED FROM_____ TO_____

TRAINING ACTIVITY	Reason: SUPP	Reason: LEAD	Reason: NETA	Reason: RMEL	Reason: DIAL	Method (See Note 1)	Date	Results (See Note 2)	Completion Signature (If Req'd)

1. Method Codes:
   SS - Self Study PP - Plant Performance TRNR - Trainer Simulation
   L - Lecture Q - Quizzes WE - Written Exam
   T - Tutoring SIM- Simulated at DAEC OE - Oral Exam
   WT -"Walkthru" Exam

2. Results - Indicate with numerical grade, PASS, SAT, UNSAT, etc., as appropriate.

ATTACHMENT 3

DF 203 (5-74)

DOCUMENT REVIEW CERTIFICATION SHEET NO. 74 - _____

An up-to-date copy of the following document has been entered into the Control Room Document Review Notebook under the indicated Tab No. Please review this document and indicate by your initials below that you have completed the review and any special requirements indicated below and understand the contents of the document. Note in Column 5 the number of preliminary Document Change Forms you have submitted as a result of your review.

DATE ENTERED_____ EXPECTED COMPLETION DATE_____

DOCUMENT ID _____ DOCUMENT TITLE _____

TAB NO. _____ ENTERED BY _____, _____
(Title)

The following special requirements apply:

☐ Conduct a review of the corresponding system.

☐ Crew ____ collect and/or prepare and submit necessary Document Change Forms resulting from the review.

☐ Non-Licensed Required Reading

☐ Other:

NAME	CREW	INITIALS	DATE	# DCF	NAME	CREW	INITIALS	DATE	# DCF

ATTACHMENT 5

DF 202 (1 of 4) (5-74)

LICENSED OPERATOR REQUALIFICATION SUMMARY

OPERATOR/ENGINEER NAME: _____

LICENSE SERIAL NO. _____ TYPE ☐ LO ☐ SLO

LICENSE DATES:

ORIGINALLY ISSUED _____ LAST RENEWED _____

REQUALIFICATION PERIOD FROM _____ TO _____
MO - YR MO - YR

SECTION I - ACTUAL OPERATING EXPERIENCE SUMMARY

Month 7__ TO 7__	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	LINE TOTALS
Hours Operation SLO SSE OP LO													
SLO SUPERVISION													
ACTIVE THRU DATE													XXX
NO. OF CONTROL MANIPULATIONS													
NO. OF OTHER SIG. TRG. OPNS.													

SECTION II - OPERATOR REVIEW & PERFORMANCE EVALUATION STATUS

MONTH	OPERATOR REVIEW STATUS						OPERATOR PERFORMANCE EVALUATION				
	Periodic Review			One-Time Review			SAT	MARG	UNSAT	SHIFT SUPERVISING ENGINEER	OPERATIONS SUPERVISOR
	# Sked.	# Done	VAR	# Sked	# Done	# Short					
JAN											
FEB											
MAR											
APR											
MAY											
JUN											
JUL											
AUG											

DF 202 (2 of 4) (5-74)

LICENSED OPERATOR REQUALIFICATION SUMMARY

OPERATOR/ENGINEER NAME _____

REQUALIFICATION PERIOD FROM _____ TO _____

SECTION II - OPERATOR REVIEW & PERFORMANCE EVAULATION STATUS

MONTH	OPERATOR REVIEW STATUS									OPERATOR PERFORMANCE EVALUATION	
	Periodic Review			One-Time Review			SAT	MARG	UNSAT	SHIFT SUPERVISING ENGINEER	OPERATIONS SUPERVISOR
	# Sked	# Done	VAR	# Sked	# Done	# Short					
SEP											
OCT											
NOV											
DEC											

SECTION III - EXAMINATION RECORD

DATE ANNUAL EXAM TAKEN _____

CAT	SUBJECT CATEGORY	ANNUAL EXAM ID	Pt.Val %Total	Earned Points	Exam %GR	CATEGORY EXAM ID	GRADE % DATE	SKED	RMKS
A	LO & SLO PRINCIPLES OF REACTOR OPERATION								
B	FEATURES OF FACILITY DESIGN								
C	GENERAL OPERATING CHARACTERISTICS								
D	INSTRUMENTS AND CONTROLS								
E	SAFETY AND EMERG. SYSTEMS								
F	STANDARD & EMERG. OPERATING PROCED.								
G	RADIATION CONTROL & SAFETY								

DF 202 (3 of 4) (5-74)

LICENSED OPERATOR REQUALIFICATION SUMMARY

OPERATOR/ENGINEER NAME _____

REQUALIFICATION PERIOD FROM _____ TO _____

SECTION III - EXAMINATION RECORD

DATE ANNUAL EXAM TAKEN _____

CAT	SUBJECT CATEGORY	ANNUAL ID	Pt.Val %Total	Earned Points	Exam %GR	CATEGORY EXAM ID	GRADE % DATE	SKED
	SLO							
H	REACTOR OPERATION							
I	RADIOACTIVE MATL HANDLING, DISPOSAL & HAZARDS							
J	SPECIFIC OPERATING CHARACTERISTICS							
K	FUEL HANDLING & CORE PARAMETERS							
L	ADMINISTRATIVE PROC., CONDITIONS & LIMITATIONS							

GRADED BY _____

REVIEWED BY _____

OVERALL GRADE % _____

#CATEGORIES BELOW 80% _____

Remarks:

EXAMINATION ACTION: DATE _____

☐ Excused from Lecture Program; All categories ≥ 80%

☐ Assigned to Lecture Program in Categories with "_" in Sked Col.

☐ Removed from licensed duties. See Accelerated Requalification Program Record. Overall grade < 70%.

_____
Operations Supervisor

CAT. EXAM ACTION
SEE ADDITIONAL TRAINING RECORD (DF 207)

CATEGORY	DATE

DF 202 (4 of 4) (5-

LICENSED OPERATOR REQUALIFICATION SUMMARY

OPERATOR/ENGINEER NAME _____

REQUALIFICATION PERIOD FROM _____ TO _____

SECTION IV - OTHER INFORMATION

	LO	SLO	YES NO	SIGNATURE
A Remarks on Back of Page				
Year Ending _____ 197__ :				
B Actively Engaged As _____				
C Satisfactorily Completed				
Requal Program Reqts				
D Discharged Responsibilities				
Competently & Safely As _____				
E Continuing Need For				
Services As: ☐ LO ☐ SLO				
F Medical Form (AEC-396) Sent				
G Applicant Has Submitted Signed				
Renewal Application As _____				
H Recommended for AEC License				
Renewal As _____				

SECTION V - MANAGEMENT REVIEW

A CONTENTS OF SUMMARY AND FOLLOWING SHEETS, AS INDICATED, HAVE BEEN NOTED.

☐ ADDITIONAL TRAINING RECORD ☐ ACCELERATED REQUALIFICATION RECORD

B IT IS RECOMMENDED THAT LICENSE RENEWAL APPLICATION BE FORWARDED RECOMMENDING APPROVAL ☐ YES ☐ NO(SEE REMARKS) ☐ NOT APPLICABLE

C REMARKS: _____

_____

DATE _____ _____, Asst. Chief Eng.

SECTION VI - MANAGEMENT APPROVAL

A CONTENTS NOTED AND APPROVED SUBJECT TO REMARKS IN PARA. C BELOW

B LICENSE RENEWAL APPLICATION WILL BE FORWARDED RECOMMENDING APPROVAL ☐ YES ☐ NO

C REMARKS: _____

_____

DATE _____ _____, Chief Engineer

ATTACHMENT 6

DF 206 (1 of 3) (5-7[illegible])

OPERATOR PERFORMANCE APPRAISAL - PAGE 1

Operator/Engineer Name _____

License ☐ SLO ☐ LO Trainee For ☐ LO ☐ SLO

Report Period From _____ To _____

Section I - Basis of Appraisal

Reason for Report:

☐ Quarterly ☐ One Time Observation

☐ Change in Assignment of, ☐ Operator ☐ Supervisor

☐ Other _____

Actual Operating Experience (From DF 201)

Year Month				
Plant % Cold S.D.				
SSE				
NSOE				
Asst NSOE				
2nd Asst NSOE				
NS Aux Eng				
Other ( )				
% of Shifts Observed				

Performance Observed During Types of Situations Indicated

☐ Cold Shutdown ☐ Emergencies

☐ Routine Operations ☐ Abnormal Operations

☐ Startup ☐ Significant Operations

☐ Shutdown ☐ Reactivity Control Manipulations

Section II - Comments: (As appropriate. Required to explain marks of Outstanding, Poor, or Down Trend on next page). _____

_____

_____

_____

_____

_____

_____

DF 206 (2 of 3) (5-75)

OPERATOR PERFORMANCE APPRAISAL - PAGE 2

Operator/Engineer Name _____

Period Covered From _____ To _____

Section III APPRAISAL

Performance and Performance Attributes	APPRAISAL						TREND		
	Out standing	Exc	Very Good	Good	Fair	Poor	U	N C	D
Overall Performance of Assigned Tasks									
Attentiveness on Job									
Adherence to Req'ts and Procedures									
Plant and Procedure Knowledge									
Operating Skill									
Supervisory Ability									
Verbal Comm. Skill									
Written Comm. Skill									
Dependability									
Judgement									
Initiative									
Industry									
Adaptability									
Cooperation									
Attitude									
Other ( )									

DF 206 (3 of 3) (5-74)

OPERATOR PERFORMANCE APPRAISAL - PAGE 3

Operator/Engineer Name _____

Period Covered From _____ To _____

Section III APPRAISAL (Cont.)

Performance and Performance Attributes	APPRAISAL						TREND		
	Out standing	Exc	Very Good	Good	Fair	Poor	U	N C	D
Desirability as a Crew Member									
Overall									
Normal Operation									
During Emergencies									
Trouble Shooting									
Operators Potential for Promotion to Next Level									

Date	Action	Signature	Title
_____	Submitted	_____	_____
_____	Reviewed	_____	_____

ATTACHMENT 7