

NUCLEAR TRAINING COURSE

COURSE 125

- 1 - Level
- 2 - Science Fundamentals
- 5 - HEAT & THERMODYNAMICS

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HEAT & THERMODYNAMICS

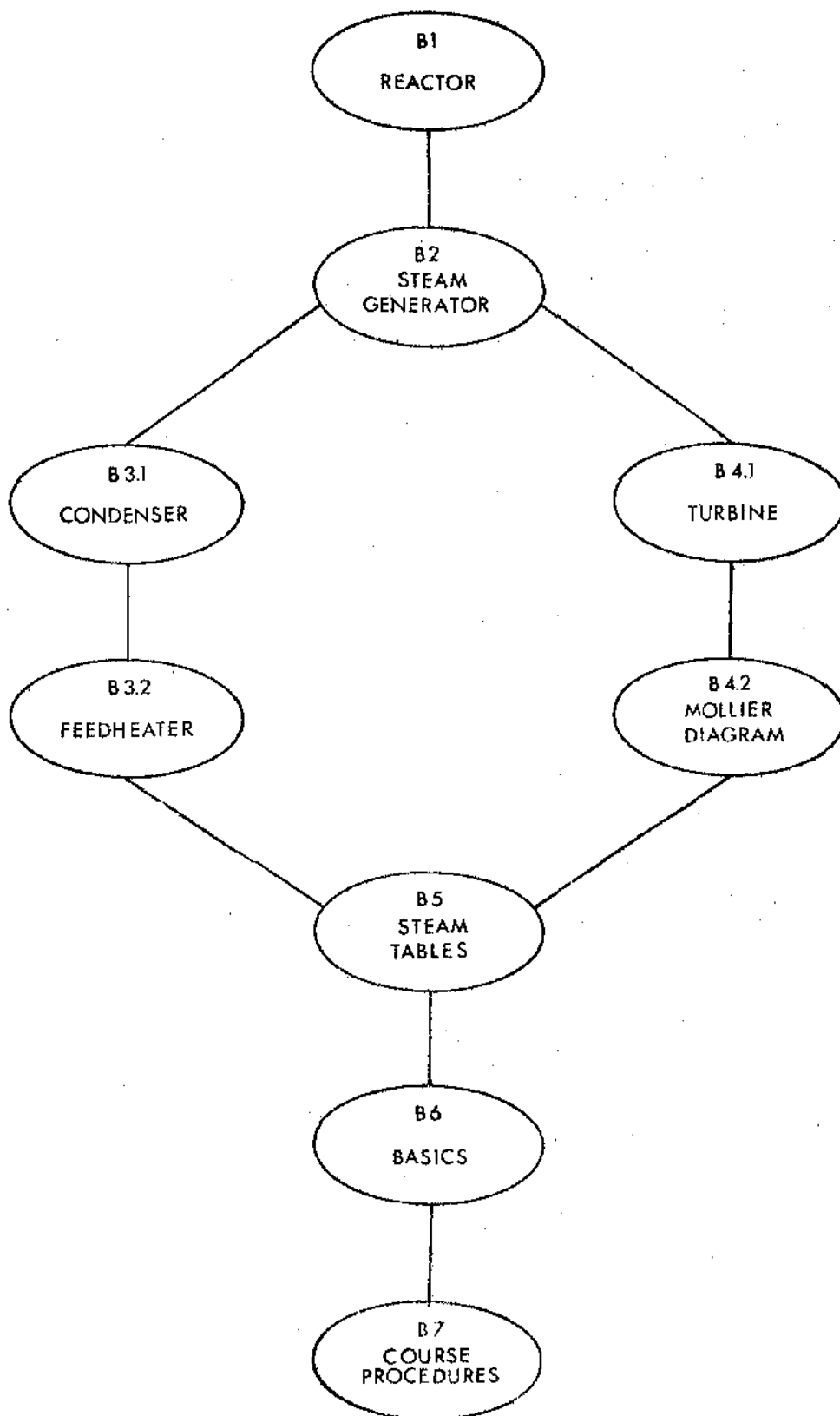
MODULE B.7

COURSE PROCEDURES (READ FIRST)

PERSONAL PROGRESS SUMMARY

<u>MODULE</u>	<u>DATE ACHIEVED</u>	<u>SIGNOFF INITIALS</u>
B.6 Basics		
B.5 Steam Tables		
B.4.2 Mollier Diagram		
B.4.1 Turbine		
B.3.2 Feedheater		
B.3.1 Condenser		
B.2 Steam Generator		
B.1 Reactor		

COURSE MAP



COURSE PROCEDURES

Description of the Course

This course is designed for a training program using the resource of at least one Course Manager. It is also designed so that you may proceed at the pace which best satisfies your needs.

There is no final checkout. Each lesson or module has its own test which has to be completed to the satisfaction of both the student and the Course Manager before you proceed to the next module.

There are 8 sections or modules in this course and they are numbered as follows:

- B.7 - Course Procedures
- B.6 - Basics
- B.5 - Steam Tables
- B.4.2 - Mollier Diagram
- B.4.1 - Turbine
- B.3.2 - Feedheater
- B.3.1 - Condenser
- B.2 - Steam Generator
- B.1 - Reactor

It is suggested that you proceed according to the course map upwards. Thus the first lesson module is B.6, then B.5. When you have completed Module B.5, you have a choice of doing Module B.4.2 or B.3.2. You should not do Module B.2 until all the modules below, on the course map have been completed.

Description of a Module

A module is a complete section of training material. All modules have the same format as follows:

1. Objectives

These tell you exactly the performance needed to pass the criterion test at the end of the module. There are two types of objectives:

- a) Course Objectives which have been selected to improve your performance as a Shift Supervisor and describe exactly the desired performance which is needed to pass the course.

- b) Enabling Objectives which describe those skills which may be needed so that you can satisfy the course objectives. The enabling objectives should make desired performance in the course objectives easier and that is why we test both 'course' and 'enabling' objectives.

2. Module Training Material

This provides the instruction for the module. It contains many questions which provide reinforcement of the concepts for the student. The answers to all the questions are included at the end of the module.

3. Criterion Test

This is a test which tests those objectives stated at the beginning of the module - no more and no less.

4. Self Evaluation Sheet

This provides a guide to the main points and rationale that you should have covered when you wrote the criterion test.

What are the advantages of this type of presentation?

1. The course objectives are selected only because they can improve your performance as a Shift Supervisor.
2. You don't have to waste time going through material you already know. You can take the criterion test when you feel you are ready.
3. You don't have to wait for the rest of the class to proceed. Equally, you don't have to be rushed through an area with which you are unfamiliar. You work through at your own pace.
4. If you need to ask questions, the Course Manager is there all the time to help you with any problems you have with the course.

These are some of the advantages. You'll find more as you progress through the course.

PROCEDURE

1. Read Module B.7 - Course Procedures.
2. Select your first lesson, Module B.6 - Basics.
3. Make sure you have a calculator and a set of Steam Tables.
4. Read the objectives for the module.
5. Read the course material and answer the questions contained in the material as you proceed. Check your answers at the back of the module.
6. When you have completed the lesson material, re-read the objectives.
7. When you are ready for the Criterion Test, ask for it from the Course Manager.
8. When you have written the test, select the self evaluation sheet and compare with your answers.
9. Discuss your test with the Course Manager when you have compared your test and the self evaluation sheet.
0. If there are areas that need to be reinforced, return and practice before trying the test again.
1. If you are both satisfied with the results, have the Course Manager sign off your Personal Progress Summary.
2. Proceed to the next module.
3. When you have completed Module B.1, please complete the course evaluation form so that we may improve your training.

This is not a race - no prizes for being first finished. Work at your own pace and make the best use of the program to clarify any problem areas you may have.

J. Irwin-Childs