

MODULE 4

ENERGY BALANCE AND UNIT CONTROL

INTRODUCTION

MODULE OBJECTIVE

At the end of this module, you will be able to describe:

- A. Energy conversions and overall efficiency of a CANDU station;
- B. How an energy balance is maintained between the reactor and conventional sides of the station;
- C. How the unit as a whole is controlled.

This module ties together the reactor and conventional sides of the station. It discusses the energy conversions and the overall efficiency of station operation. It also discusses the means of balancing the energy transfers within the station and overall control.