

MODULE 5

SUPPORT SYSTEMS

INTRODUCTION

MODULE OBJECTIVE:

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

- A. How a portion of electric power generated within the station is distributed and used within the station;
- B. Station water and air systems;
- C. The methods of identifying station components;
- D. The auxiliary processes located on nuclear sites outside the CANDU stations;
- E. Waste management systems;
- F. The process for producing and managing heavy water.

In previous modules of this course, we looked at operating philosophy and the layout of major process systems in a CANDU station. This module is concerned primarily with support systems, both systems within the CANDU station that support the process directly, and systems in facilities outside the station that support CANDU operations in a more general sense. Much of this module will apply to a specific nuclear generating site. Any portions that do not apply to your location will be downplayed in the lesson delivery.