## NUCLEAR TRAINING COURSE

## COURSE 223.0

| 2 |   | TATE | 1 |
|---|---|------|---|
| _ | - | Leve | 1 |

2 - Science Fundamentals3 - Fluid Mechanics

O - OPERATORS

# INDEX

| 223.00.0 | Course Objectives |
|----------|-------------------|
| 223.00.1 | Fluid Mechanics   |
| 223.00.2 | Answer Section    |

This course was originally developed for the use of Ontario Hydro employees. Reproduced on the CANTEACH web site with permission

### 223.00-0

## Fluid Mechanics - Course 223.0

#### OBJECTIVES

The student will be able to:

- 1. Define the following: pressure, mass flowrate, volumetric flowrate, density, velocity, and will be able to perform simple calculations using these definitions.
- 2. Perform simple calculations and solve simple problems involving the change of static pressure with depth.
- 3. Explain how velocity and pressure change in a pipework system with steady flow and with changes in flow.