

2.4.8 Leakage Detection System

1.0 Description

The leakage detection system (LDS), in combination with instrumentation from other interconnected systems, detects, quantifies, and determines the location of leakage from the reactor coolant pressure boundary (RCPB) and select portions of the main steam (MS) system.

The LDS provides the following non-safety related functions:

- Provides a method of collecting and quantifying selected RCPB leakage.
- Provides the primary method of detecting and quantifying leakage from the MS system.
- Provides indications of leak rates and leak locations to the plant operators in the main control room (MCR).