

Protection Systems Engineering Course

Monday, 21 September 2026 - Friday, 25 September 2026

Spallation Neutron Source

Scientific Programme

Introduction to Safety Instrumented Systems

Safety Terminology

Safety Systems Management

Safety Systems Lifecycle Development

Lifecycle Management

Guiding Standards

10CFR835

Safety Systems Analysis

Initiating Event Calculation

Risk Assessment

Requirements Identification and Development

Safety Integrity Level Selection

System Planning

Safety System Models

Architectures

System Design

Installation, Certification and Testing