

## **Course Development for a Certificate in Risk and Safety Analysis of Structural Components in Nuclear Facilities**

### **Executive Summary**

The objective of this project is to develop two courses that will provide civil engineering students with a background in the management of structural components and systems of aging plants. Both courses will include introduction into risk analysis, health monitoring, maintenance, design, and repair techniques for structural components of nuclear power facilities. Courses prepared will become course requirements for a certificate program in Risk and Safety Analysis of Structural Components in Nuclear Facilities.

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