

Reactor Oversight Process Enhancement Project

Baseline Inspection Program

Inspection Area – Emergency Preparedness

Background

The objective of the Emergency Preparedness (EP) Inspection Procedure (IP) 71114, “Emergency Preparedness” is to gather information to determine, in conjunction with the three EP cornerstone performance indicators, whether a licensee is meeting the EP Cornerstone Objective and Performance Expectation:

The Cornerstone Objective is: “To ensure that the licensee is capable of implementing adequate measures to protect the public health and safety in the event of a radiological emergency.”

The Cornerstone Performance Expectation is: “Demonstration that reasonable assurance exists that the licensee can effectively implement its emergency plan to adequately protect the public health and safety in the event of a radiological emergency.”

Inspection requirements to support the objective of IP 71114 are identified in each of the eight attachments to the procedure:

IP 71114.01	Exercise Evaluation
IP 71114.02	Alert and Notification System Testing
IP 71114.03	EP Organization Staffing and Augmentation System
IP 71114.04	Emergency Action Level and Emergency Plan Changes
IP 71114.05	Maintenance of Emergency Preparedness
IP 71114.06	Drill Evaluation
IP 71114.07	Exercise Evaluation – Hostile Action (HA) Event
IP 71114.08	Exercise Evaluation – Scenario Review

As a result of the issuance of new EP regulations in November 2011, an extensive review of IP 71114 and its eight attachments was performed in Calendar Year (CY) 2011. IP 71114 and seven of the eight attachments were revised and issued in CY 2012 and significant improvements were achieved. IP 71114.04 was reviewed but no revision was identified to be necessary.

Analysis

Regional and resident inspectors, subject matter experts and headquarters staff participated in the review process to support the Reactor Oversight Process Enhancement Project. Areas discussed with internal stakeholders included enhancing flexibility and adjusting inspection requirements to increase the focus of inspection onto more risk significant activities. There were no outstanding feedback forms during the review period. IP 71114.07 was significantly revised in CY 2012 but was not utilized during the review period (i.e., no HA exercises were conducted). An extensive review of the procedure is being conducted in CY 2014 with participation from regional and headquarters’ staff.

Champion and Key Branch Chief: Robert E. Kahler, NSIR/DPR

Recommendations

In general, IP 71114 and the eight attachments continue to be effective and no further IP revisions are recommended at this time. However, it is expected that IP 71114.07 may be revised based upon the ongoing lessons learned review.