



Honeywell Emergency Planning

Mike Norris, Team Leader
Division of Preparedness and Response
Office of Nuclear Security and Incident Response

Regulations

- An emergency plan for responding to the radiological hazards of an accidental release of source material and to any associated chemical hazards directly incident thereto.
- An identification of each type of accident for which protective actions may be needed.

Emergency Response Plan Prior to Facility Upgrade

- The Emergency Response Plan did not identify accident sequences related to credible seismic and tornado events that could result in large UF6 releases.

Facility Upgrades

- Strengthen the FMB structure, piping supports and vessel restraints to prevent or mitigate possible releases of hazardous material due to an earthquake or tornado event
- Increased protection of the liquid UF_6 inventory by implementation of a seismic safety system and tornado missile shielding

Staff's Evaluation

- Due to the improvements, the Honeywell Metropolis Works liquid UF6 process is judged to be fully capable of withstanding a design basis earthquake ground forces without a UF6 release.
- Staff verified that the corrective actions will adequately prevent consequences to the public from the release of hazardous chemicals for the design basis tornado.

Revised Emergency Response Plan

- Revised to identify accident sequences related to seismic and tornado events.