



# Honeywell Emergency Planning

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# 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  $\text{UF}_6$  inventory by implementation of a seismic safety system and tornado missile shielding

## Staff's Evaluation

- Due to the improvements, the Honeywell Metropolis Works liquid UF<sub>6</sub> process is judged to be fully capable of withstanding a design basis earthquake ground forces without a UF<sub>6</sub> 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.