

Bel

**From:** Merritt Baker 1 R2  
**To:** Djh2  
**Date:** Thu, Oct 2, 2003 12:02 PM  
**Subject:** inspection plan for Honeywell

Hi Dave

The attached file is my inspection plan for the special inspection.

If you have any questions or comments feel free to open the file, make the changes and e-mail it back.  
Nick

E-3

**Office of Nuclear Material Safety and Safeguards  
Special Inspection Plan**

**Site:** Honeywell Conversion Facility, Metropolis, IL

**Docket Number:** 40-3392

**Dates:** October 6-10, 2003

**Inspector:** Merritt N. Baker, HQ  
Manuel Crespo, RII  
Jose Jimenez, RII  
David J. Hartland, RII  
B. Bartlett, RIII

**Accompanied by:** Robert A. Nelson, HQ  
John Lusher, HQ  
Jay Henson, RII

**Prepared by:** \_\_\_\_\_  
M. N. Baker Date

**Purpose:**

The purpose of this inspection is to determine whether the licensee has controlled the risks from chemical operations to an acceptable level, following unplanned leak incidents.

**Coordination:**

This inspection has been coordinated with RII, the Senior Resident Inspector at PGDP, Licensing Project Manager, and Uranium Processing Section management.

**Scope:**

1. The inspectors will meet initially with the licensee's management to identify the plant areas to be visited, and the personnel affected. Participate in a tour of unfamiliar plant areas.
2. The inspectors will perform an independent review of the events and causal factors. Perform interviews of facility personnel independent of those performed by the licensee.
3. Determine the adequacy of the licensee's incident investigation to correctly identify direct, contributing, and root causes, as well as precursors, and corrective actions to prevent recurrence. [88065]
4. Evaluate the licensee's emergency preparedness program: interaction with offsite medical responders, training, and emergency procedures. Ensure that the site emergency plan matches the field conditions. [88064] (Crespo)
5. Evaluate the licensee's chemical and maintenance safety programs, including special work permits and safety management oversight. [88059, 88062] (Baker)
6. Review the licensee's operating practices: conduct of operations, use of safety controls, etc. [88100] (Hartland)

7. Evaluate the adequacy of the licensee's management controls, including management of change, supervision, and oversight by the safety department. Evaluate the licensee's commitment to procedural compliance. [88063, 88005] (Bartlett)
8. Evaluate the following programs: operator training, including training an operator by asking to perform an unfamiliar task without supervision. [88010, 88061], standard operating procedures [88058], management decision-making [88005], and possible staffing issues that would require operations using untrained operators.
9. Perform a change analysis appropriate for a facility in a pre-startup condition.
10. Apply the team conclusions to other plant areas to determine the extent of such conditions.
11. Evaluate the effectiveness of the other piping repairs completed to date. [88062]
12. Evaluate the licensee's treatment of any previously unknown system interactions, and the need to incorporate them into the facility's safety basis or license.