

September 20, 2012

MEMORANDUM TO: Patricia Silva, Chief  
Conversion, Deconversion  
and Enrichment Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

FROM: M. Breeda Reilly, Senior Project Manager **/RA/**  
Conversion, Deconversion  
and Enrichment Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: AUGUST 21, 2012, MEETING SUMMARY: MEETING BETWEEN  
THE U.S. NUCLEAR REGULATORY COMMISSION AND  
HONEYWELL METROPOLIS WORKS CONCERNING  
LICENSING ISSUES RELATED TO MODIFICATIONS  
OF THE FACILITY

On August 21, 2012, the U.S. Nuclear Regulatory Commission's (NRC's) staff met with Honeywell representatives for a discussion of Honeywell's plans for its Metropolis Works facility, which is licensed under NRC Source Material License SUB-526. The meeting summary, including the agenda and the list of participants, are enclosed. This summary contains no proprietary or classified information.

Docket No. 40-3392  
License No. SUB-526

Enclosures:  
As stated

cc: Robert Stokes, Honeywell Metropolis Works

CONTACT: Breeda Reilly, NMSS/FCSS  
(301) 492-3110

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<b>NAME</b>	BReilly	LAllen	PSilva
<b>DATE</b>	09/17/12	09/18/12	09/20/12

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**SUMMARY OF MEETING WITH HONEYWELL METROPOLIS WORKS  
CONCERNING PLANS FOR MODIFICATIONS TO THE FACILITY**

DATE: August 21, 2012

PLACE: U.S. Nuclear Regulatory Commission (NRC)  
Rockville, MD

PURPOSE: The meeting was an opportunity for Honeywell to provide the status of their plans for moving forward to restart the Metropolis Works (MTW) facility.

DISCUSSION: The agenda for the meeting is attached (see Attachment 1). After the welcome and introductions, Honeywell made a presentation of their key design concepts for their plans to restart the MTW facility. Honeywell stated that their primary objective is to satisfy their current licensing basis. Honeywell provided an overview of their understanding of the current licensing basis, namely that the maximum credible earthquake is a 475-year return period earthquake and that the plant needs to be able to withstand the 475-year earthquake with no safety implications. Honeywell also plans to make upgrades to the pipe rack, tank farm, and life critical buildings (i.e., buildings used to shelter-in-place).

The focus of the presentation was on Honeywell's plans to make seismic upgrades to the Feeds Material Building (FMB), including upgrades to the pipe supports and tank supports within the FMB, based on the 475-year return frequency and the 2002 U.S. Geological Service (USGS) survey on ground motion values. Honeywell is also considering approaches for reducing the quantity of liquid uranium hexafluoride (UF<sub>6</sub>) in the system. By reducing the process inventory, the source term for potential consequences would be reduced. Honeywell is also evaluating other approaches, including installation of isolation valves on critical equipment containing liquid UF<sub>6</sub>; confinement and venting; and administrative limits on the amount of time workers spend in the distillation process area of the FMB. Honeywell discussed key aspects of the Quality Assurance Plan (built on their current quality assurance program) that will be applied to the facility modifications.

Honeywell believes that no license amendment request is needed in order to restart. Honeywell emphasized the importance of certainty in their regulatory basis and their desire to confirm that proposed Title 10 of the *Code of Federal Regulations* Part 40 rule would not change the licensing basis for seismic events.

Before the public portion of the meeting adjourned, members of the public were given an opportunity to ask questions of the NRC staff. There were no questions.

Enclosure

The public portion of the meeting adjourned for lunch. A closed meeting was held in the afternoon to discuss security-related and proprietary information. The closed meeting adjourned at approximately 2:30 p.m.

ATTENDEES: See Attachment 2.

ATTACHMENTS:

1. August 21, 2012, Meeting Agenda
2. Meeting Attendees

## **AGENDA**

### MEETING ON HONEYWELL METROPOLIS WORKS MODIFICATIONS

August 21, 2012

9:00 A.M. – 5:00 P.M.

#### **TIME**

- 9:00 A.M. Welcome, Introductions, and Purpose of Meeting
- 9:05 A.M. Presentation and Discussion:
1. Current licensing basis (Honeywell)
  2. Design basis for restart (Honeywell)
  3. Construction activities for modifications (Honeywell)
- 10:30 A.M. Discussion: Part 40 rulemaking (Honeywell and NRC)
- 11:00 A.M. Path forward (Honeywell)
- 11:45 A.M. Comments from the Public
- 12:00 P.M. Adjourn for lunch
- 1:30 P.M. Non-Public Portion of the Meeting
- 5:00 P.M. Adjourn



**UNITED STATES NUCLEAR REGULATORY  
COMMISSION HEADQUARTERS**

**MEETING ATTENDEES**

Meeting with Honeywell

August 21, 2012  
Rockville, MD

<b>Name</b>	<b>Organization</b>
Thomas Noll	Honeywell - Metropolis
Tyson Smith	Winston and Strawn
Larry Campbell	NRC
Tony Downes	Honeywell - Morristown
Jon Price	Honeywell - Metropolis
Jack Sulima	NRC
Pete Habighorst	NRC
Nathan Gould	ABS Consulting
Larry Smith	Honeywell - Metropolis
Omar Lopez	NRC
Jonathan DeJesus	NRC
Jim Hammelman	NRC
Kevin Morrissey	NRC
Cathy Scott	NRC
Soly I. Soto	NRC
John Kinneman	NRC



**UNITED STATES NUCLEAR REGULATORY  
COMMISSION HEADQUARTERS**

**MEETING ATTENDEES (continued)**

Meeting with Honeywell

August 21, 2012  
Rockville, MD

<b>Name</b>	<b>Organization</b>
Mark A. Wolf	Honeywell - Metropolis
Breda Reilly	NRC
Tilda Liu	NRC
Dennis Damon	NRC
Joe Calle (via teleconference)	NRC
Tony Gody (via teleconference)	NRC
Richard Gibson (via teleconference)	NRC
Marissa Bailey (via teleconference)	NRC
Patti Silva (via teleconference)	NRC
Bob Stokes (via teleconference)	Honeywell - Metropolis
Jonathan Hinze (via teleconference)	UxC
Ashley Preston (via teleconference)	Cameco