

Fuel Cycle Facility	Event Number: 50352
Facility: HONEYWELL INTERNATIONAL, INC. RX Type: URANIUM HEXAFLUORIDE PRODUCTION Comments: UF6 CONVERSION (DRY PROCESS) Region: 2 City: METROPOLIS State: IL County: MASSAC License #: SUB-526 Agreement: Y Docket: 04003392 NRC Notified By: SEAN PATTERSON HQ OPS Officer: HOWIE CROUCH	Notification Date: 08/09/2014 Notification Time: 15:21 [ET] Event Date: 08/09/2014 Event Time: 07:40 [CDT] Last Update Date: 08/09/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 40.60(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): REBECCA NEASE (R2DO) CHRISTIAN ARAGUAS (NMSS)

Event Text

UNPLANNED ONSITE MEDICAL TREATMENT OF A CONTAMINATED WORKER

"An employee experienced a **minor thermal burn to the leg and reported to the on-site dispensary** this morning. The plant nurse administered first aid. A whole body survey of the employee's plant clothing was performed; the maximum amount of contamination present was on the employee's work boots, 15,949 dpm/100cm². The plant **nurse allowed the employee to return to work following treatment. The employee remained inside the Restricted Area** over the entire course of the event.

"Contamination due to uranium ore concentrates."

The licensee will notify their NRC Region 2 Inspector (Hartland) via email.

Fuel Cycle Facility	Event Number: 50383
Facility: HONEYWELL INTERNATIONAL, INC. RX Type: URANIUM HEXAFLUORIDE PRODUCTION Comments: UF6 CONVERSION (DRY PROCESS) Region: 2 City: METROPOLIS State: IL County: MASSAC License #: SUB-526 Agreement: Y Docket: 04003392 NRC Notified By: ROSS LINBERG HQ OPS Officer: JOHN SHOEMAKER	Notification Date: 08/20/2014 Notification Time: 09:50 [ET] Event Date: 08/20/2014 Event Time: 03:00 [CDT] Last Update Date: 08/20/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 40.60(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): JAMES HICKEY (R2DO) ROBERT JOHNSON (NMSS)

Event Text

UNPLANNED MEDICAL TREATMENT OF A CONTAMINATED INDIVIDUAL

"An **employee, with dust in his eye, reported to the on-site dispensary** this morning. First aid was administered. A whole body survey of the employee, in his plant clothing, was performed; the

maximum amount of contamination present was on the employee's work boots, 44,441 dpm/100cm². The employee was able to return to work following treatment. The employee remained inside the Restricted Area over the entire course of the event."

There was no contamination in the employee's eye.

The licensee has informed the NRC Region II Senior Fuel Facility Inspector (Hartland) via email.

Fuel Cycle Facility	Event Number: 47329
Facility: HONEYWELL INTERNATIONAL, INC. RX Type: URANIUM HEXAFLUORIDE PRODUCTION Comments: UF6 CONVERSION (DRY PROCESS) Region: 2 City: METROPOLIS State: IL County: MASSAC License #: SUB-526 Agreement: Y Docket: 04003392 NRC Notified By: ROBERT STOKES HQ OPS Officer: BILL HUFFMAN	Notification Date: 10/06/2011 Notification Time: 17:34 [ET] Event Date: 10/06/2011 Event Time: 11:25 [CDT] Last Update Date: 10/06/2011
Emergency Class: NON EMERGENCY 10 CFR Section: 40.60(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): STEVEN VIAS (R2DO) MICHELE SAMPSON (NMSS)

Event Text

MEDICAL TREATMENT OF EMPLOYEES WITH CONTAMINATION ON CLOTHING

"Two maintenance employees were exposed to anhydrous hydrogen fluoride while working on a chemical storage tank. The two employees were taken to the plant dispensary for first aid treatment. Both employees were treated and released to return to work. Radiological surveys of the employees in the dispensary showed contamination on both of the employees work shoes and one of the employee coveralls.

"[The contamination was from] U3O8 Uranium Ore Concentrate, Natural Uranium.

"[This event is reportable under] 40.60(b)(3) - Unplanned Medical Treatment at a Medical Facility of an individual with spreadable contamination."

The licensee has notified appropriate local authorities and NRC Region 2.

Fuel Cycle Facility	Event Number: 49913
Facility: HONEYWELL INTERNATIONAL, INC. RX Type: URANIUM HEXAFLUORIDE PRODUCTION Comments: UF6 CONVERSION (DRY PROCESS) Region: 2 City: METROPOLIS State: IL County: MASSAC License #: SUB-526 Agreement: Y Docket: 04003392 NRC Notified By: ROSS LINDBERG	Notification Date: 03/13/2014 Notification Time: 15:46 [ET] Event Date: 03/13/2014 Event Time: 13:00 [CDT] Last Update Date: 03/13/2014

HQ OPS Officer: DONG HWA PARK	
Emergency Class: NON EMERGENCY 10 CFR Section: 40.60(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): KATHLEEN O'DONOHUE (R2DO) JAMES ANDERSEN (NMSS)

Event Text

<p>CONTAMINATED PLANT EMPLOYEE RECEIVED MEDICAL TREATMENT INSIDE THE RESTRICTED AREA</p> <p>"An employee with a wooden splinter in his right hand reported to the on-site dispensary this afternoon. The plant nurse administered first aid. A whole body survey of the employee in his plant clothing was performed; the maximum amount of contamination present was on the employee's right pant leg, 12,550 dpm/100cm². The plant nurse allowed the employee to return to work. The employee remained inside the Restricted Area over the course of the event."</p> <p>The licensee will inform R2 (Hartland).</p>

Fuel Cycle Facility	Event Number: 50614
Facility: HONEYWELL INTERNATIONAL, INC. RX Type: URANIUM HEXAFLUORIDE PRODUCTION Comments: UF6 CONVERSION (DRY PROCESS) Region: 2 City: METROPOLIS State: IL County: MASSAC License #: SUB-526 Agreement: Y Docket: 04003392 NRC Notified By: ROSS LINDBERG HQ OPS Officer: MARK ABRAMOVITZ	Notification Date: 11/14/2014 Notification Time: 13:18 [ET] Event Date: 11/13/2014 Event Time: 15:12 [CST] Last Update Date: 11/14/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 40.60(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): EUGENE GUTHRIE (R2DO) NMSS EVENTS RESOURCE (E-MA)

Event Text

<p>MEDICAL TREATMENT OF CONTAMINATED INDIVIDUAL</p> <p>"An employee with a chemical burn on his left wrist reported to the onsite dispensary located within the restricted area. First aid was administered. A whole body radiological survey of the employee and plant clothing was performed; the maximum amount of contamination present was on the lower legs of the employee's plant issued coveralls, 2,300 dpm/100cm². The employee was able to return to work following treatment. The employee remained inside the Restricted Area over the entire course of the event."</p> <p>The licensee notified NRC Region-2 (Hickey).</p>

Fuel Cycle Facility	Event Number: 50081
Facility: HONEYWELL INTERNATIONAL, INC. RX Type: URANIUM HEXAFLUORIDE PRODUCTION Comments: UF6 CONVERSION (DRY PROCESS)	Notification Date: 05/02/2014 Notification Time: 13:43 [ET] Event Date: 05/02/2014

Region: 2 City: METROPOLIS State: IL County: MASSAC License #: SUB-526 Agreement: Y Docket: 04003392 NRC Notified By: ROSS LINDBERG HQ OPS Officer: JEFF ROTTON	Event Time: 11:25 [CDT] Last Update Date: 05/02/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 40.60(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): DAVID AYRES (R2DO) MIKE FRANOVICH (NMSS)

Event Text

ON-SITE MEDICAL TREATMENT OF A CONTAMINATED INDIVIDUAL

"An employee with a foreign body in his left eye reported to the on-site dispensary this morning. The plant nurse administered first aid and then released the employee to an off-site medical facility for further evaluation. A whole body survey of the employee in his plant clothing was performed. The maximum amount of contamination present was on the employee's boots, 370,667 dpm/100cm². Prior to leaving the Restricted Area, the employee removed all plant clothing, changed into his personal clothing, and was whole body frisked out of the plant. The employee was free of contamination upon release."

Licensee notified NRC Region II Division of Fuel Facility Inspection personnel.

Fuel Cycle Facility	Event Number: 50073
Facility: HONEYWELL INTERNATIONAL, INC. RX Type: URANIUM HEXAFLUORIDE PRODUCTION Comments: UF6 CONVERSION (DRY PROCESS) Region: 2 City: METROPOLIS State: IL County: MASSAC License #: SUB-526 Agreement: Y Docket: 04003392 NRC Notified By: MICHAEL ABEL HQ OPS Officer: DONALD NORWOOD	Notification Date: 04/30/2014 Notification Time: 14:35 [ET] Event Date: 04/30/2014 Event Time: 09:10 [CDT] Last Update Date: 04/30/2014
Emergency Class: NON EMERGENCY 10 CFR Section: 40.60(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): DAVID AYRES (R2DO) MIKE FRANOVICH (NMSS)

Event Text

ON-SITE MEDICAL TREATMENT OF A CONTAMINATED INDIVIDUAL

"An employee with low blood sugar reported to the on-site dispensary this morning. The plant nurse administered first aid and then sent the employee to an off-site medical facility for further evaluation. A whole body survey of the employee in her plant clothing was performed. The maximum amount of contamination present was on the employee's right boot (7,887 dpm/100cm²). Prior to leaving the Restricted Area, the employee removed all plant clothing, changed into her personal clothing, and was whole body frisked out of the plant. The employee was free of contamination upon release."

The licensee notified the NRC Fuel Facility Inspector.

NFS

Fuel Cycle Facility	Event Number: 50912
Facility: NUCLEAR FUEL SERVICES INC. RX Type: URANIUM FUEL FABRICATION Comments: HEU CONVERSION & SCRAP RECOVERY NAVAL REACTOR FUEL CYCLE LEU SCRAP RECOVERY Region: 2 City: ERWIN State: TN County: UNICOI License #: SNM-124 Agreement: Y Docket: 07000143 NRC Notified By: MICHAEL TESTER HQ OPS Officer: DONALD NORWOOD	Notification Date: 03/20/2015 Notification Time: 16:49 [ET] Event Date: 03/20/2015 Event Time: 12:30 [EDT] Last Update Date: 03/20/2015
Emergency Class: NON EMERGENCY 10 CFR Section: 70.50(b)(3) - MED TREAT INVOLVING CONTAM	Person (Organization): BINOY DESAI (R2DO) NMSS_EVENTS_NOTIFIC (EMAI)

Event Text

UNPLANNED MEDICAL TREATMENT

"A nuclear operator sustained a laceration to the right hand on a piece of metal flashing while working in a radiological controlled area onsite. The individual was transported to the onsite NFS medical facility for treatment. Radiological surveys of the individual taken at the onsite medical facility indicated no contamination. The individual was subsequently transported to an area hospital for further medical care. Follow-up radiological surveys performed in areas where the injury occurred, in the vehicle used for onsite transport, and in the onsite medical facility also indicated no contamination."

The licensee notified the NRC Resident Inspector.

Fuel Cycle Facility	Event Number: 47620
Facility: NUCLEAR FUEL SERVICES INC. RX Type: URANIUM FUEL FABRICATION Comments: HEU CONVERSION & SCRAP RECOVERY NAVAL REACTOR FUEL CYCLE LEU SCRAP RECOVERY Region: 2 City: ERWIN State: TN County: UNICOI License #: SNM-124 Agreement: Y Docket: 07000143 NRC Notified By: RANDY SHACKELFORD HQ OPS Officer: DONALD NORWOOD	Notification Date: 01/24/2012 Notification Time: 10:06 [ET] Event Date: 01/23/2012 Event Time: 10:40 [EST] Last Update Date: 01/24/2012

Emergency Class: NON EMERGENCY
10 CFR Section:
70.50(b)(3) - MED TREAT INVOLVING CONTAM

Person (Organization):
DEBORAH SEYMOUR (R2DO)
TIM MCCARTIN (NMSS)
FUELS GROUP - Email ()

Event Text

MEDICAL TREATMENT OF A POTENTIALLY CONTAMINATED INDIVIDUAL AT ONSITE FACILITY

"10 CFR 70.50 (b)(3) requires a twenty-four hour report of an event that requires unplanned medical treatment at a medical facility of an individual with spreadable radioactive contamination on the individual's clothing or body.

"An individual's fingers were potentially exposed to HF [hydrogen fluoride]. The potential HF exposure was believed to be caused by a pin hole in a glove-box glove. The glove was replaced and other glove-box gloves were inspected. The individual's fingers were rinsed and calcium gluconate cream was applied in the Radiological Control Area (RCA). As a precautionary measure, the individual was sent to the on-site medical area (within the Owner Controlled Area) for review/observation. Minor radioactive contamination, below minimum detectable activity (MDA) for the equipment, was removed from the individual's fingers at the medical area. The radioactive contamination was below radioactive release limits. In addition, at the medical area, the individual's finger was irrigated with water and additional calcium gluconate cream was applied. The individual was monitored and then released by medical personnel. No evidence of HF exposure was observed.

"The licensee is making this report on a voluntary basis due to the ambiguous nature of the regulation [10 CFR 70.50 (b)(3)]. It should be noted that Part 50 guidance as well as internal licensee guidance refers to medical treatment at off-site medical facilities.

"The licensee has notified the NRC Resident Inspector."

Unplanned Contamination Events

Fuel Cycle Facility	Event Number: 50954
Facility: NUCLEAR FUEL SERVICES INC. RX Type: URANIUM FUEL FABRICATION Comments: HEU CONVERSION & SCRAP RECOVERY NAVAL REACTOR FUEL CYCLE LEU SCRAP RECOVERY Region: 2 City: ERWIN State: TN County: UNICOI License #: SNM-124 Agreement: Y Docket: 07000143 NRC Notified By: RANDY SHACKELFORD HQ OPS Officer: MARK ABRAMOVITZ	Notification Date: 04/05/2015 Notification Time: 06:58 [ET] Event Date: 04/04/2015 Event Time: 11:51 [EDT] Last Update Date: 04/10/2015
Emergency Class: NON EMERGENCY 10 CFR Section: 70.50(b)(1) - UNPLANNED CONTAMINATION	Person (Organization): SHAKUR WALKER (R2DO) NMSS_EVENTS_NOTIFIC (EMAI) BRIAN SMITH (NMSS) WILLIAM GOTT (IRD)

Event Text

<p>UNPLANNED CONTAMINATION EVENT</p> <p>"On April 4,2015, at approximately 1151 [EDT], a chemical reaction occurred in a 2-liter bottle of cleanup materials. The bottle was located in a storage rack. The chemical reaction caused the bottle to breach, releasing some of the contents into the immediate area around the storage rack. There were no individuals in the area where the bottle was stored when the breach occurred. The area has been roped off and is in the process of being cleaned up. There were no personnel injuries or exposures. The event is currently being investigated.</p> <p>"The licensee notified the NRC Resident Inspector."</p> <p>* * * UPDATE FROM RANDY SHACKLEFORD TO HOWIE CROUCH AT 1257 EDT ON 4/10/15 * * *</p> <p>The licensee is also making a courtesy notification for an unplanned chemical reaction in accordance with Information Notice 97-23.</p> <p>Additionally, on April 7, 2015, the area was cleaned up and access restrictions were removed.</p> <p>The licensee notified the NRC Resident Inspector.</p> <p>Notified R2DO (Heisserer), NMSS EO (Habighorst), IRD (Grant) and NMSS Events Notification (E-mail).</p>

Fuel Cycle Facility	Event Number: 50233
Facility: NUCLEAR FUEL SERVICES INC. RX Type: URANIUM FUEL FABRICATION Comments: HEU CONVERSION & SCRAP RECOVERY NAVAL REACTOR FUEL CYCLE LEU SCRAP RECOVERY	Notification Date: 06/27/2014 Notification Time: 15:22 [ET] Event Date: 06/25/2014 Event Time: 23:48 [EDT] Last Update Date: 06/27/2014

Region: 2 City: ERWIN State: TN County: UNICOI License #: SNM-124 Agreement: Y Docket: 07000143 NRC Notified By: MICHAEL TESTER HQ OPS Officer: STEVE SANDIN	
Emergency Class: NON EMERGENCY 10 CFR Section: 70.50(b)(1) - UNPLANNED CONTAMINATION	Person (Organization): DANIEL RICH (R2DO) ANTHONY HSIA (NMSS) FUELS GROUP (EMAI)

Event Text

UNPLANNED CONTAMINATION EVENT

"Event Text: At approximately 2348 hours (Eastern Time) on June 25, 2014, an employee dropped a container of radioactive material solution after removal from a glove box enclosure. The 2-liter poly container split, releasing contents to the floor and surrounding equipment. Operations in the area were placed in a safe condition at the time of the event, radiological controls implemented for personnel protection, and decontamination initiated. Extensive surface contamination surveys were performed to facilitate decontamination and the area was released to normal access by 1615 hours (ET) on June 26, 2014. At this time, the additional radiological controls implemented at the time of the event were removed. At 0245 hours (ET) on June 27, 2014, contamination was discovered to be weeping out of some facility and equipment surfaces in the area of the earlier spill. Radiological controls were reestablished, decontamination efforts resumed, and enhanced monitoring implemented. Since the cumulative time for access restrictions exceeded 24 hours, this is being reported to the operations center under 10 CFR 70.50.b (1).

"There were no actual or potential safety consequences to the public or the environment. There were no actual safety consequences to the workers. The potential safety consequences to the workers include exposure to uranyl nitrate solution.

"The licensee has notified the NRC Resident Inspector."

The radioactive material solution was Uranyl Nitrate containing 540 grams of Uranium-235.