



Malcolm Baldrige
**National
Quality
Award**
2009 Award Recipient
Honeywell FM&T

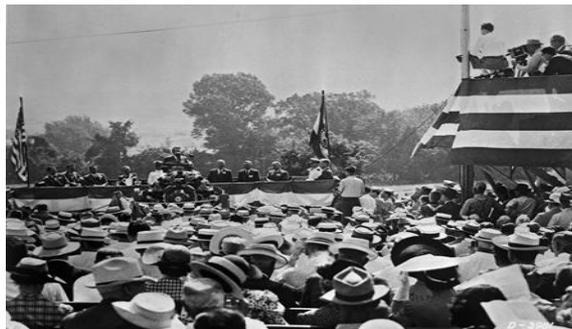
EEOICPA PROGRAM – National Security Campus

Stacey Eide | January 29, 2015



- **The Kansas City Plant has been operated by the same Management & Operations (M & O) contractor since 1949**
- **The contractor's company has changed names through mergers or acquisitions (Bendix, Allied, Allied-Signal and now Honeywell FM&T)**
- **Bendix began to make parts for nuclear weapons at KCP in 1949**
- **Original building that housed KCP was constructed in 1942 to build aircraft engines**
- **KCP moved to a new facility in 2013**
- **New facility is referred to as the National Security Campus (NSC)**

A Rich Site History

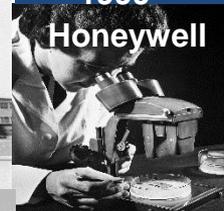


- **1922 - Kansas City Speedway**
- **1942 - Building construction and occupant - Pratt & Whitney Aircraft**
- **1949 - The Atomic Energy Commission and the Bendix Corporation**





1942 - Building construction and occupant - Pratt & Whitney Aircraft



Honeywell



1949 - The Atomic Energy Commission and the Bendix Corporation

Honeywell

2011 – The Kansas City Plant and Honeywell

Mergers

-
- 1983 – Allied
- 1999 –



2012 – NSC

Bendix

Managed Department of Energy (DOE) facilities in Kansas City, Missouri and Albuquerque, New Mexico. These facilities produced non-nuclear components for nuclear weapons.



Allied Corporation / Allied Signal

- In 1981 Allied Corporation bought Bendix Corporation
- In 1985 Allied Corporation merged with Signal Companies to become Allied Signal



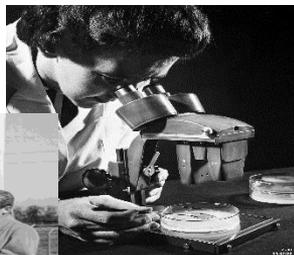
Honeywell FM&T

- In 1999 Allied Signal acquired Honeywell, an international controls company that developed and supplied advanced technology products, systems, and services to aviation and space companies and industry—and adopted its name which it considered to be more recognizable. This merger was valued at \$15 billion.



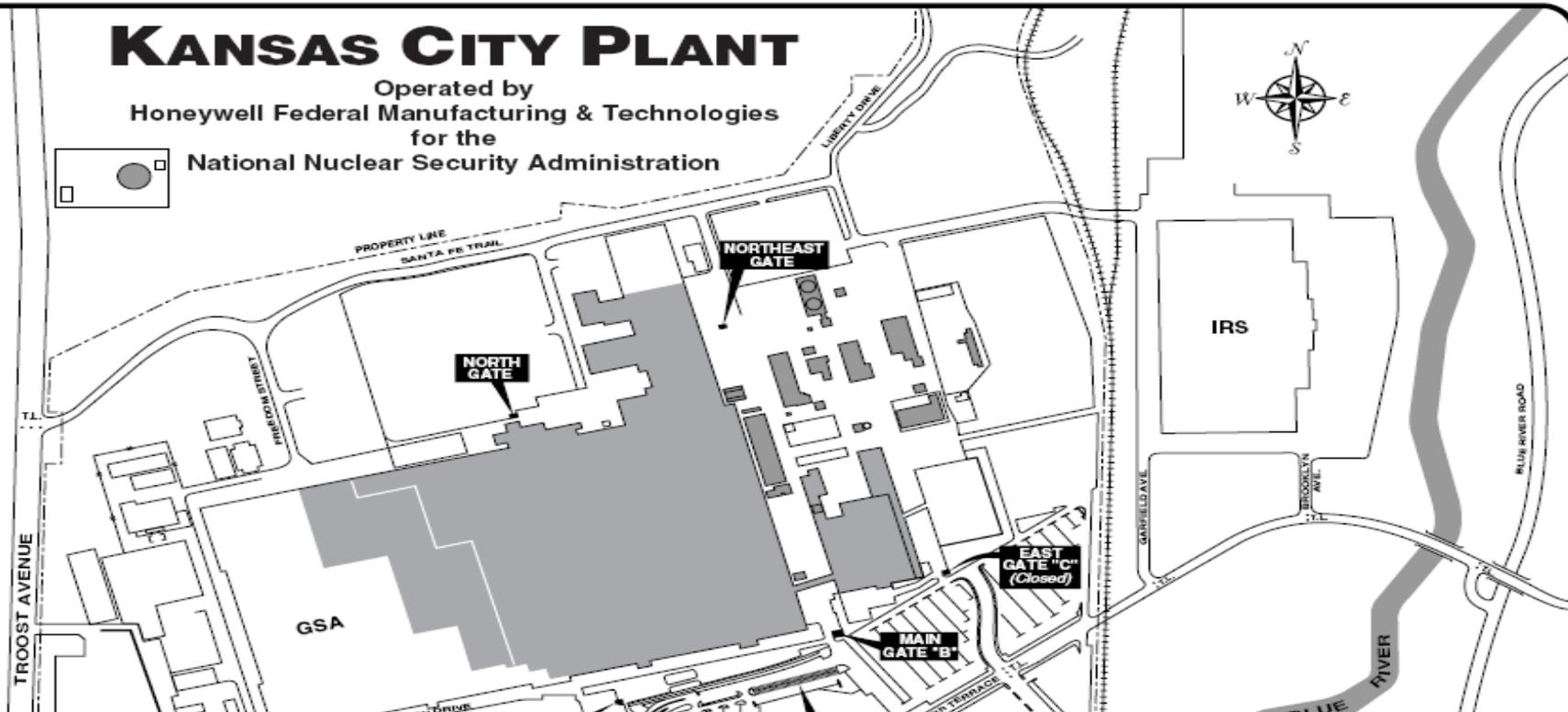
A History of Transfiguration

- **Bendix: first employees – 3/49**
- **First component delivered – 4/49**
- **Allied, Allied Signal, Honeywell**
- **3.2 M sq. ft.**
- **Three integrated factories under one roof**
- **Non-nuclear parts for nuclear weapons**
- **Expanding Security Mission**

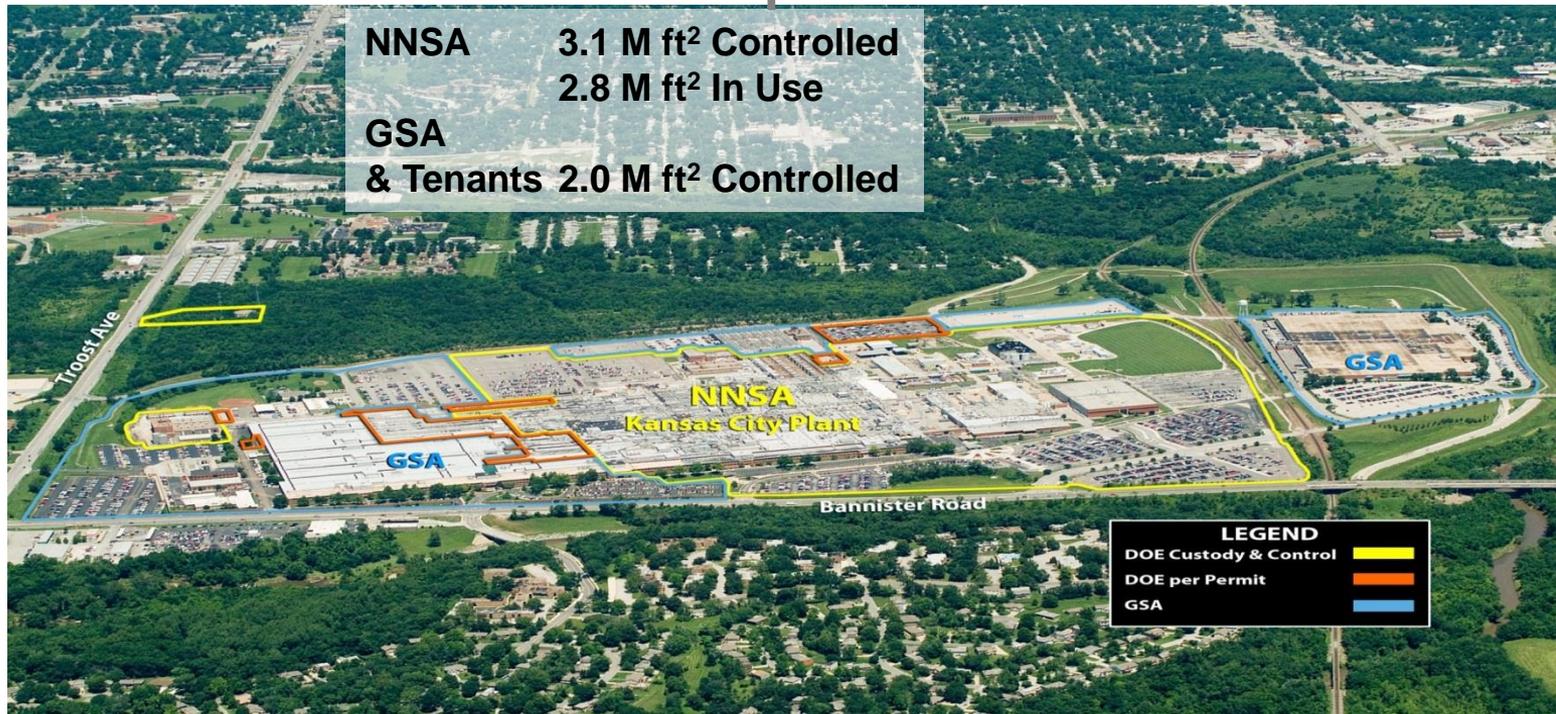


KANSAS CITY PLANT

Operated by
Honeywell Federal Manufacturing & Technologies
for the
National Nuclear Security Administration



Bannister Federal Complex



National Security Campus...Today

A flexible and modern national security asset, operated in the public interest, supporting the NNSA's mission for the management and security of the nation's nuclear weapons and nuclear nonproliferation.

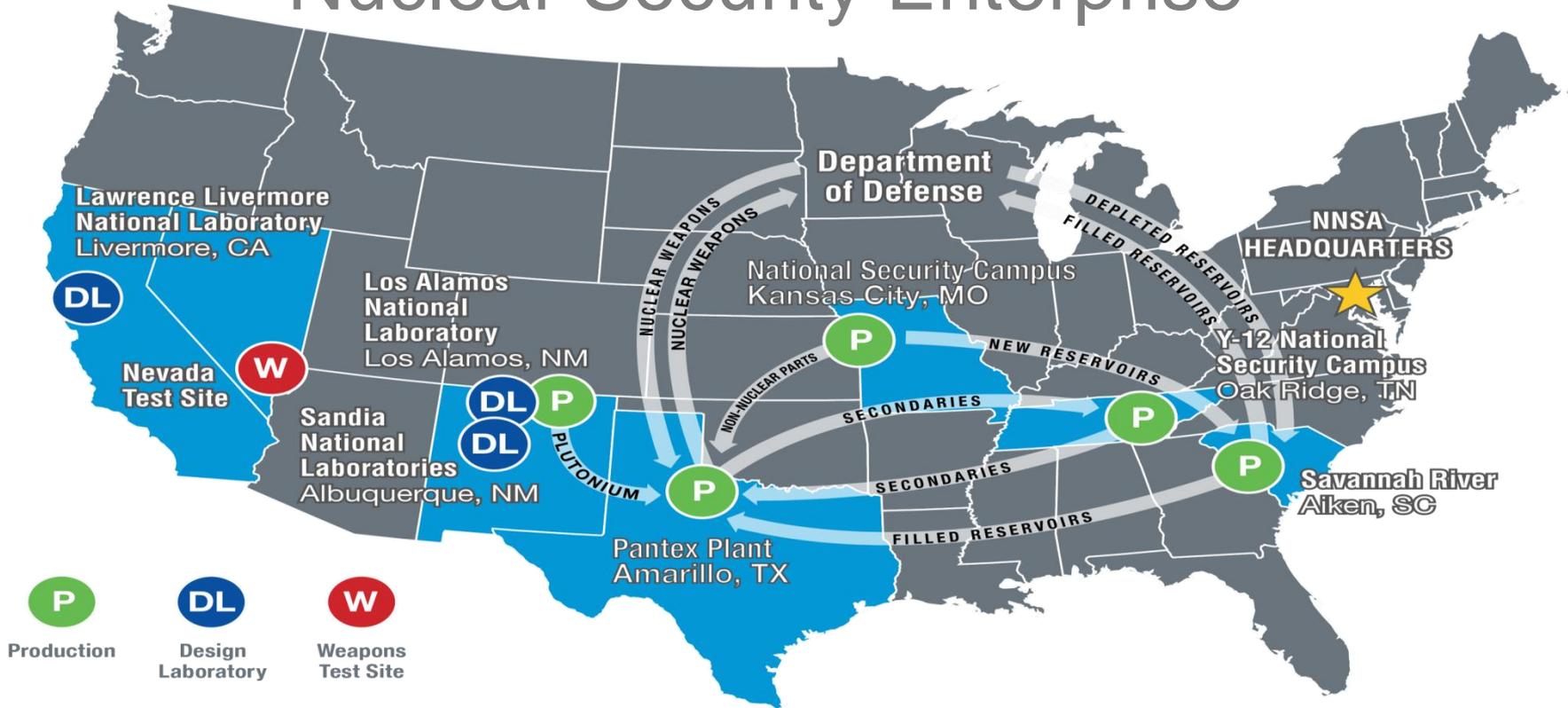
- **Construction started 2010 / Opened November 2012**
- **Replaced 3.2 million sq ft of WWII era facilities**
- **Benefits:**
 - 185 acres / 1.5 million sq ft of secure manufacturing spaces, laboratories, warehouses and office space
 - Mission operating costs reduced over \$100M per year
 - Energy consumption reduced by over 50%
 - LEED® Gold-Rated Green Campus



National Security Campus



Nuclear Security Enterprise



National Security Campus

Government sponsored, multi-mission engineering and manufacturing enterprise delivering trusted national security products and government services



Core Mission – National Nuclear Security Administration

- A large portion of the Campus is dedicated to NNSA's mission of keeping our nation's nuclear stockpile safe, secure and reliable by delivering mission-critical mechanical, electrical and engineered material components.



Global Security – Other Government Agencies

- Our unique expertise extends beyond the nuclear security enterprise to benefit national security and promote nonproliferation with field-ready solutions for other government agencies.



Supply Chain Management Center – Department of Energy

- Using our innovative strategic sourcing processes, we enable DOE and NNSA sites to leverage their annual spend to save millions each year.

Defense Programs – NSC’s Core Mission

Maintain and evolve a responsive infrastructure for non-nuclear component sourcing in support of the nuclear stockpile life-cycle

- **Directed Stockpile Work (DSW)**
 - New Production
 - Sustainment
 - Surveillance
 - Trainers and Simulators
 - Dismantlement and Disposal
 - Maintenance and Life-Cycle
 - Inventory
- **Technology Readiness**
- **Facility and Infrastructure Readiness (RTBF)**
- **Secure Transportation**



Over 85% of non-nuclear components provided by the NSC

Secure Supply Chain Services

Electrical Capabilities

RF
High Voltage
Pulsed Power
Process Automation
Telemetry
Embedded Systems
High Density Interconnects
Microelectronics
Semiconductors
PWA/SMT
Lasers & Optics

Mechanical Capabilities

Miniature Assembly
Additive Manufacturing
Plastics Products
Optics
Environmental Testing
Non-destructive Tests
Rapid Prototyping,
Vehicle Technologies

Materials Science Capabilities

Engineered Materials
Analytical Chemistry
Materials Characterization
Polymer Production

Software & Simulation Capabilities

Simulation & Modeling
(physics-based)
Simulation & Modeling
(facilities)
IT Technical Review Board
HPC
Engineering Software
Systems

Test Equipment & Measurement Capabilities

Sensors & Detectors
Metrology
Calibration
Mechanical Inspection
Technologies
Test Equipment



Services and Solutions



**National Security Campus
Kansas City**

*Secure Weapon Systems
Life Extension Programs
Limited Life Components
Test and Handling Gear*



**National Security Campus
New Mexico**

*Secure Transportation
Emergency Response
Secure Communication
Force-on-Force*



Global Security

*Electronics, Mechanical and
Engineering Materials
Testing & Analysis
Trusted Foundry Access*

Concept Development - Production

Partners

- Sandia National Laboratories
- Los Alamos National Laboratories
- Lawrence Livermore National Laboratories

Savannah River

Program

Customers

- National Nuclear Security Administration
- Department of Energy
- Department of Defense
- Other Federal Agencies
- M&O Services

Competencies

- M&O New Product Introduction
- M&O Production Services
- M&O Institutional Support Services
- Intra and Inter Agency Work
 - Concept Development and Realization
 - Production Services
 - Technical Services



- In 2014, we completed one of the nation's largest industrial moves ahead of schedule and under budget from the old Kansas City Plant to the new National Security Campus.
- By the end of the move, about 3,000 truckloads had transported thousands of pieces of equipment and 30,000 crates, which if stacked would be more than 5 times the height of Mount Everest.
- As one of the only LEED® Gold-rated manufacturing facilities, the NSC represents a significant part of the Federal government's focus on modernization and infrastructure investment.
 - Reduces operational cost by \$150M annually
 - Reduces total footprint and energy consumption by over 50%

Community Impact

- **Talented Workforce**

- 2,700 skilled employees in MO & NM
- Engineers, skilled trades workers and support personnel

- **Small Business Support**

- Nearly 50% of procurements are sourced through small businesses

- **Education and Community Outreach**

- Employees volunteer 16,000 hours and donate more than \$500,000 annually to community
- Focus on Science, Technology, Engineering and Math (STEM) Education, Housing & Shelter, and Habitat & Conservation



Making a difference, one neighborhood at a time

Questions?

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NSC Records Management

Terra Burgess, CRM / January 29, 2015



NSC – Records Center

- **On-site**

- 6,000 sq. ft. Records Center
 - 6,000 records boxes - classified
 - 5,000 records boxes - unclassified
 - 3,000 microfilm reels

- **Off-site**

- Approximately 24,000 unclassified and 1,000 classified boxes archived at National Archives & Records Administration (NARA), Federal Records Centers (FRCs) & Washington National Records Center (WRNC).

Activity	Annual Average - Boxes
Received by Records Center	1,800
Archived at NARA	1,000
Certified destruction	500

Medical / Personnel Files

- Medical/personnel files are paper files.
 - Current employee files stored in Medical/Personnel.
 - Archived files sent to Records Center or stored at Federal Records Centers in MO & KS.
- Listing of box contents (inventory) available in Records Management database.
 - Keyword searches can be performed and spreadsheets provided IF word was listed on box inventory form as submitted by department.

EEOICPA Related Records

Challenges with Historical Records

- **Name changes/misspellings or not employees.**
- **Inadequate/poor box/film content inventory.**
- **Terms that are used in keyword searches not commonly used in box descriptions.**
- **Radiation related projects are generally classified; therefore descriptions were purposely vague.**
- **Department numbers changed frequently; not always used for archiving.**

EEOICPA Related Records

Positives

- **HS&E/Medical centrally stored exposure related records.**
- **Long standing historical knowledge base at plant.**
- **History of excellent exposure controls and records controls.**
- **Small population with exposure potential.**

Questions?

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HS&E – EEOICPA PROGRAM

Linda Taylor, Michelle Younger, Marcia Todd, Brent Nasca | January 29, 2015



Honeywell

Typical Search For Exposure Records

ES&H Search Of Following Database Libraries -

- **Chemical Monitoring Database**
 - **Beryllium Records**
 - **Environmental Database**
- **Process Waste Assessments**
 - **Exposure Assessments**
- **Preliminary Hazard Analysis Records**
- **Archived Records (paper and electronic)**
 - **Radiation Records**
 - **Accident/Incident Records**
 - **Workers' Compensation**
 - **ES&H Concerns/Near Miss**
 - **OSHA Log**
 - **Department History Report**

EEOICPA Processes: Opportunities for Improvement

- **General information to help claims examiners**
 - If we have only a claimant's name, the search is very limited
 - KCP keeps some records by individual name
 - medical
 - dosimetry badge records
- **Most database resources can locate information by:**
 - department
 - chemical contaminant
 - production processes (e.g., machining, paints, assembly)
 - accident/incident (safety records)

EEOICPA Processes: Opportunities for Improvement

If available, the following additional information from claimant would be helpful to search for relevant documents:

- Any specifics about job activities
- Any high level descriptions of work (e.g., claimant worked on foam, heat treat, machining, paints, electrical assemblies)
- How do they think they were exposed?
- Departments where they believe exposure may have occurred
- Any accidents/incidents that they recall
- What chemicals do you believe they may have been exposed to while working at Honeywell FM&T?
- If claimant had specific illness (e.g., liver cancer)
 - List any toxic materials that might have caused this condition

EEOICPA Processes: Potential Questions to ask Claimant

- Engineers had a desk in an engineering department, but spent time working in production areas:
 -
 - Where did they go in plant?
 - What departments?
 - Which processes did they design or work on?
 - Work in a lab? Which one? What was the lab department number?

Questions?

Stacey Eide

EEOICPA Point of Contact

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