

# **Pantex** INFO

## ***Environmental Management System***

### **Introduction**

The Pantex Environmental Management System (EMS) is an important component of the site's Integrated Safety Management System (ISMS) goal of protecting employees, the community and the environment. It is the encompassing system for all environmental concerns. The system was implemented in 2004/2005. It has been recognized by the National Nuclear Security Administration's Pantex Site Office, an outside non-partial assessment team, and the Texas Commission on Environmental Quality (TCEQ).

The EMS administers sound stewardship practices that protect natural and cultural resources while cost-effectively meeting or exceeding compliance with environmental, public health and resource protection laws, regulations and DOE requirements. It provides a continuous cycle of planning, implementing, evaluating and improving processes and actions to achieve environmental and operational goals. It ensures that environmental considerations are included in every phase of planning, performing and delivering the activities, products and services for which Pantex is responsible.

### **B&W Pantex's Environmental Policy**

The environmental policy is a concise declaration of how B&W Pantex protects the people who work at the Pantex Plant, complies with relevant regulations and requirements, protects the environment and makes continuous improvements to its operating processes. This policy is to be incorporated into each Pantex employee's personal commitment to protect the

environment while accomplishing the Plant mission.

### **B&W Pantex's Environmental Policy**

To excel in:

- Implementing appropriate controls and actions to minimize environmental impacts caused by our activities, products, and services.
- Continual improvement of our protection of the environment in Plant processes, including pollution prevention and recycling.
- Strict compliance with relevant regulations and requirements.
- Setting and reviewing environmental objectives and targets.
- Communication of this policy to all employees.
- Availability of the policy to the public.

### **EMS Management Structure**

John Woolery, B&W Pantex President and General Manager, champions the EMS. William R. Mairson, Manager for Environment, Safety and Health Division, is the appointed B&W Pantex EMS Management Representative. He is responsible for ensuring that EMS requirements are developed and satisfied. He reports directly to the General Manager on the performance of the EMS. He has the authority and responsibility to provide essential human resources, which

April 2010

include specialized skills, technology and resources for the control, maintenance and continual improvement of the system. He directs the activities of the eight-member Senior Management Team and reviews the activities of EMS Coordinator Boyd Deaver.

The International Organization for Standardization's ISO 14001, *Environmental Management Systems, 2004* is the model for the Pantex EMS. ISO 14001 is an internationally recognized system for environmental management. Each element of this standard has been reviewed and used to provide beneficial support to Pantex processes.

### **Employee Involvement**

The involvement of Plant employees is the most significant element of the EMS. Each employee impacts the environment through his or her work activities. Each employee can bring an increased awareness of environmental issues to Pantex. Employees can provide information to the EMS Coordinator, the EMS Management Representative, and to each other. Through employee involvement, environmental awareness will continue to increase and be maintained as the backbone for the EMS.

### **External Recognition**

The B&W Pantex EMS has been validated by external reviews:

- An external DOE/NNSA contractor evaluated the Pantex EMS in February 2005 and concluded that Pantex had implemented an EMS based upon ISO 14001 and Texas Commission on Environmental Quality's (TCEQ) EMS requirements.
- The TCEQ accepted Pantex into the Clean Texas, Cleaner World Program as a Partner in April 2005.
- The DOE/NNSA Pantex Site Office declared in 2005 that Pantex has a functional and compliant EMS according to the DOE Order.
- Pantex received Gold Level Membership in the TCEQ Clean Texas Program in September 2007
- To remain fully implemented, at least every three years the environmental management system must be audited by a qualified party

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**U.S. Department of Energy/ National Nuclear Security Administration Pantex Plant**  
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outside the control or scope of the EMS. In May of 2008, an International auditor determined the Pantex EMS maintains conformance with requirements of the Environmental Protection Program "DOE O 450.1A".

- On July 14, 2008, the DOE/NNSA Pantex Site Office once again declared the Pantex EMS to be in conformance with the EMS requirements of DOE O 450.1A.

### **Contact**

For more information, contact Boyd Deaver, EMS Coordinator, at (806) 477-6644.

