



Department of Energy
National Nuclear Security Administration
Pantex Site Office
P. O. Box 30030
Amarillo, TX 79120



JAN 14 2009

SUPPLEMENT ANALYSIS

DETERMINATION

The Department of Energy (DOE), National Nuclear Security Administration (NNSA), Pantex Site Office (PXSO), has prepared a Supplement Analysis (SA) to determine whether the *Final Environmental Impact Statement for the Continued Operation of the Pantex Plant and Associated Storage of Nuclear Weapon Components*, also known as the Site-Wide Environmental Impact Statement (SWEIS), adequately addresses the environmental impacts of continued Pantex Plant operations, or if additional documentation under the National Environmental Policy Act (NEPA) is needed. In addition, an increase in explosives limits at the firing sites has also been examined to determine if an increase would have significant impacts on the environment.

This SA was prepared in accordance with DOE regulations under 10 CFR 1021.330(d), which requires the evaluation of site-wide environmental impact statements at least every five years and 10 CFR 1021.314, which outlines the type of information to be presented in an SA. The Record of Decision for the SWEIS, published in the Federal Register on January 27, 1997, announced DOE's decision to implement the Preferred Alternative evaluated in the SWEIS by (1) continuing operations involving assembly and disassembly of nuclear weapons at the Pantex Plant; (2) implementing facility projects, including upgrades and construction consistent with conducting these operations; and (3) continuing to provide interim pit storage at the Pantex Plant and increasing storage level from 12,000 to 20,000 pits. The SA compares the information presented in the SWEIS with changes and proposed changes, through 2011, in the environment and Pantex Plant missions, activities, programs, and impacts.

A Notice of Availability was published by DOE/NNSA in the Federal Register on October 24, 2008, announcing the availability of the final *Complex Transformation Supplemental Programmatic Environmental Impact Statement (Complex Transformation SEIS)*. The *Complex Transformation SEIS* evaluates future missions of the Stockpile Stewardship and Management Program and the nuclear weapons complex. Under the preferred alternative, Pantex Plant would remain the Assembly/Disassembly/High Explosives production and manufacturing center, and nondestructive surveillance operations would be consolidated at Pantex Plant. In addition, Pantex Plant would remain the HE production and machining center. Because any decisions involving major new facilities would be accompanied by appropriate NEPA documentation and would not be implemented before 2011, proposed activities associated with the *Complex Transformation SEIS* are not considered to be within the scope of this SA.

A Notice to Prepare this Supplement Analysis of the Pantex SWEIS was published in local newspapers on March 15, 2007. A Notice of Availability of the Supplement Analysis will be published in local newspapers, and the SA will be available in public reading rooms, after the signing of this Determination.

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Based on the analysis of the criteria presented in the SA, and with the concurrence of counsel, I hereby determine that the continued operation of the Pantex Plant, as well as an increase in explosives limits at the firing sites, do not constitute a substantial change in the SWEIS or Record of Decision, or result in significant new circumstances or information relevant to environmental concerns in accordance with 40 CFR 1502.9(c)(1). Therefore, pursuant to 10 CFR 1021.314(c) (2), no further NEPA documentation is required.

Date Nov. 17, 2008 Concur: Name Darrell Riekenberg
Darrell Riekenberg
Pantex Site Office Counsel

Date 1/14/09 Name Steven C. Erhart
Steven C. Erhart
Pantex Site Office Manager