

# Pantex Plant (Amarillo, TX) Safety Basis Report

Total Facilities: 17

Facility	Hazard Category	Safety Basis Type	Approval Status	Date Approved
B61 SS-21 Weapon Program HAR	HC2	DSA	AUR	06/22/2005
B83 SS-21 Weapon Program HAR	HC2	DSA	AUR	07/13/2004
LINAC/CT/X-RAY SAR	HC2	DSA	AUR	02/14/2003
Mass Properties SAR	HC2	DSA	AUR	04/01/2003
Nuclear Explosive Assembly Bays and Cells SAR	HC2	DSA	AUR	05/21/2002
Nuclear Material SAR	HC2	DSA	AUR	09/30/2002
Sitewide SAR	HC2	DSA	AUR	11/01/2002
Special Nuclear Materials Component Requalification Facility SAR	HC2	DSA	AUR	10/27/2006
Staging SAR	HC2	DSA	AUR	05/02/2003
Transportation SAR	HC2	DSA	AUR	05/09/2003
Vacuum Chamber & Manifold SAR	HC2	DSA	AUR	02/14/2003
W76 SS-21 Weapon Program HAR	HC2	DSA	AUR	09/28/1999
W78 SS-21 Weapon Program HAR	HC2	DSA	AUR	07/06/2001
W80 SS-21 Weapon Program HAR	HC2	DSA	AUR	08/07/2007
W84 SS-21 Weapon Program HAR	HC2	DSA	AUR	04/26/2010
W87 SS-21 Weapon Program HAR	HC2	DSA	AUR	02/02/2005
W88 SS-21 Weapon Program HAR	HC2	DSA	AUR	02/28/2006

Safety Basis Report current as of Feb 15, 2013

## Program Office

National Nuclear Security Administration

## Safety Basis Type

BIO – Basis for Interim Operation

DSA – Documented Safety Analysis

PDSA – Preliminary Documented Safety Analysis

## Hazard Category

HC1 – Hazard Category 1 (a nuclear facility with the potential for significant off-site consequences)

HC2 – Hazard Category 2 (a nuclear facility with the potential for significant on-site consequences)

HC3 – Hazard Category 3 (a nuclear facility with the potential for only significant localized consequences)

HCR – Hazard Category Radiological (a radiological facility only)

## Approval Status

AUR – Approved Under the Rule (10 CFR 830 – Nuclear Safety Management)

E – Temporary Exemption Granted

SBPA – Operating Safety Basis Pending Approval

UD – Under Development

UMR – Operating Safety Basis Pending Update to Meet the Rule