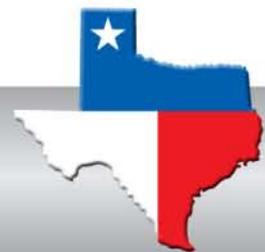


LANMAS/TexMAS NMIA Plugin



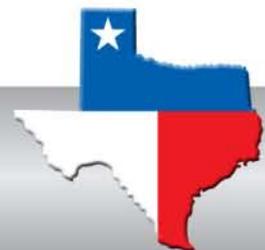
NMIA Overview

- ❑ Nuclear Material Inventory Assessments (NMIA)
- ❑ Completed by all DOE and NNSA field sites
- ❑ Data from the site's NMC&A is used to prepare the NMIA
- ❑ End-of-fiscal year inventories are evaluated to determine whether inventory levels are reasonable relative to programmatic objectives
- ❑ Assessment data submitted as Microsoft Access database which minimally includes three relational tables
 - Inventories
 - Projects
 - Disposition
- ❑ Submitted annually to the Office of Nuclear Materials Integration (NA-58) by January 31



NMIA at B&W Pantex

- ❑ NMIA data submission is performed by the Nuclear Material Department within the DSW & Campaigns Division, not by MC&A; however, a plugin was developed to support NMIA reporting.
- ❑ Plugins, extensions to LANMAS functionality, are provided through TexMAS.
- ❑ The NMIA plugin was developed based on the document “Guidance for the Nuclear Material Assessment for September 30, 2005, Inventories” dated October 17, 2005 and “Nuclear Materials inventory Assessment (NMIA) Data Call” dated May 9, 2006.



NMIA and LANMAS

- ❑ For NMIA-required data, see Handout 1: NMIA Required Tables and Associated Fields.
- ❑ Not all data required for NMIA is in LANMAS.
- ❑ Data in LANMAS is obtained by using a TexMAS stored procedure.
- ❑ Data not in LANMAS is manually entered by the Nuclear Materials Program Manager from the DSW & Campaigns Division.



TexMAS User Interface

- TexMAS NMIA top-level menu
 - Upload Previous NMIA Inventory
 - Build NMIA Data
 - Download NMIA Data



Pantex NMIA Reporting Process

- ❑ Upload previous year NMIA data
 - TexMAS interface
 - Access database uploaded into TexMAS database
- ❑ Build current year NMIA data
 - TexMAS interface
 - Select LANMAS Accounting Period
 - Data is pulled from LANMAS and loaded into TexMAS
 - Current year data compared previous year data and updated as needed
- ❑ Download current year data
 - Data is loaded into an Access database



Pantex NMIA Reporting Process

- ❑ Provide Access database to Nuclear Materials Program Manager
 - Inventories table
 - Projects table
 - Disposition table
 - NMIA Components table
- ❑ Assist with data reconciliation
- ❑ Nuclear Material Program Manager inputs data not tracked in LANMAS
- ❑ Nuclear Material Program Manager submits NMIA data (in Access database format) to NA-58
 - This final Access database is uploaded into TexMAS when completing the next year's NMIA reporting

