



# *National Training Center*

## *Federal Technical Capability Panel (FTCP) Meeting*

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*March 29, 2011*



# Discussion Topics

- **NTC Initiatives Update**  
Lesley Gasperow, Acting Director, NTC
- **Safety Training Program Update**  
Jeannie Lozoya, Safety Training Program Manager, NTC
- **Security Training Program Update**  
Russ Showers, Director, Security Training Operations, NTC
- **NTC Training Needs Assessment**  
Charlie Lopez, TNA Program Manager, Chenega, NTC  
(Contractor)



# NTC Initiatives



- NTC 2015 Revitalization Effort
- NTC Infrastructure (Facilities, Learning Management System, etc.)
- NTC Curriculum Tracks
- NTC E-Learning/Blended Learning
- NTC Internal Process Improvements (Training Needs Assessment, etc.)
- Knowledge Management



# Safety Training Program Update



- **FY 2011 Delivery Schedule**
  - 55 Total Iterations
  - 42 Scheduled Off-Site
- **Nuclear Executive Leadership Training (NELT)**
  - Tentative Dates: August 29-September 2, 2011
  - Executive Steering Committee
    - Frank Russo – NNSA
    - Ken Picha – EM
    - Carol Sohn – SC
    - Bob Stallman – NE
    - Evan Dunne/Jeannie Lozoya – HSS/NTC



# Safety Training Program Update



- **Course Revision**
  - Condition Assessments
  - Safety and Security Directive Reform
  
  - Conduct of Operations
  - Accident Investigation
  - Readiness Review (Team Member/Team Leader)
  - Senior Technical Safety Manager (STSM) Overview and Applications



# Safety Training Program Update



- **Course Development**
  - UnReviewed Safety Questions (USQ)
  - Risk Management Overview for Senior Managers
  - Conduct of Engineering
  - NNSA Transformational Governance and Oversight (NAP-21)
- **E-Learning – Deploy September 2011**
  - General Technical Base
  - ISM Overview
  - QA Overview
  - 10CFR 851 Overview



# Safety Training Program Update



- STSM/Risk Management
  - Working Group Session – February 1-3, 2011
  - Working Group Report – Being Reviewed
  - STSM Overview - Revision
    - Keep Focus of Class – Add more case studies or use one major case study to build on daily.
    - Take home exams.
  - STSM Applications - Revision
    - Reduce scope – increase focus of practical factors
    - Teach processes to accomplish task
  - STSM Requalification Course



# Safety Training Program Update



- STSM/Risk Management (Cont'd)
  - Risk Management Overview for Senior Managers
    - Identified Two Tasks
      - 1. Make timely risk-informed decisions
      - 2. Articulate the basis for making risk-informed decisions
    - Analyzed Task 1. above for Knowledge and Skills needed to accomplish task
    - Developed a DRAFT Risk-Informed Decision Making Process



# Safety Training Program Update



## Safety Basis Curriculum

- Memo dated March 7, 2011 – “Consensus Opinion for Participation in the Safety Basis Professional Program (SBPP)”
- Core Curriculum – To include:
  - Nuclear Safety Management
  - Environmental Restoration, Deactivation & Decommissioning Safety Basis
- Incorporate DOE-STD-1189 (*Integration of Safety into the Design Process*) into Safety Basis Document Prep-Advanced course – Safety Analysis Perspective
- Develop New Course – Understand how to construct a technically defensible Safety Evaluation Report (SER) for approval of a Documented Safety Analysis (DSA) and Technical Safety Requirements (TSRs) in the context of DOE-STD-1104 (*Review & Approval of Nuclear Facility Safety Basis & Safety Design Basis Documents*)



# Safety Training Program Update



- Safety Curriculum Tracks
  - General Technical Base (Safety and Security)
  - Nuclear and High Hazard Facility Safety Training - Safety Basis
  - Topical Area – Oversight and Assessment Track



# Safety Training Program Update



- Worker Safety and Health Training Integration
  - Partnership with National Institute of Environmental Health Sciences (NIEHS) and HAMMER
  - Federal/Contractor/Union Collaboration Workshops
    - Goal: To bring Federal, contractor, union staff to work safety training issues.*
- Workshop Sites:
  - Oak Ridge/Y-12 – July 21-22, 2009
  - Savannah River – December 8-9, 2010
  - Los Alamos – July 26-27, 2010
  - Idaho – October 19-20, 2010



# Safety Training Program Update



- Common Theme Workshop Results:
  - Increased Communication Needed
  - Training Redundancy Across Projects, Facilities, Sites
  - Improvement Needed in Training Quality, Transportability and Standardization
- Developed a DRAFT "Strawman" Program for a Collaborative Approach to Worker Safety and Health Training



# Safety Training Program Update



- Next Steps – Two Track Approach:
  - Distribute DRAFT “Strawman” to Stakeholders for Comment
  - Conduct Regional Webinars – Questions and Answers
  - Gather Data – Update/Revise “Strawman” Program
  - Select PILOT Site for Implementation of “Strawman” Program
  - PILOT Site Develop Implementation Plan
  - NTC/NIEHS/HAMMER Provides Assistance
  - Gather Information on PILOT Implementation Challenges and Lessons Learned



# Security Training Program Update



- **FY 2011 Delivery Schedule**
  - 74 Total Iterations
  - 38 Scheduled Off-Site
- **FY 2011 Course Revision/Development**
  - Revision Project Complete
  - Condition Assessments
  - Security General Technical Base (DOE-STD-1123)
  - Safeguards & Security FAQs (DOE STD-1171)
  - Senior Technical Safeguards & Security Manager (STSSM)
  - Security Executive Leadership Training (SELT)



# NTC Training Needs Assessment



Goal for the NTC is to Identify Organizational (DOE) Training Needs

- Phased Approach to the Training Needs Assessment (TNA)
  - Deliver the FY2012 Training Schedule by July 2011
  - Assess curriculum for revision, development and retirement of courses
- Collection of Data
  - Human Interface
    - Phone Interviews
    - Working Groups
    - Site Visits
  - Surveys to Validate Data



# NTC Training Needs Assessment



## NTC Coordination with the Learning and Development Training Services (LDTs formally Enterprise Training Services (ETS))

- LDTs and NTC both perform a TNA for the Department
- Currently performed at different times of the year
- NTC is collaborating with LDTs in an effort to create a more efficient process for the collection of data
- What can you expect from the NTC and how can you help?
  - Questionnaires
  - Phone Interviews
  - Input from the Field
  - Validation Surveys



# National Training Center



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