



nuclear operations group

2013 Licensee Performance Review

For Performance Period 1/1/12 – 12/31/12

Joel Burch
General Manager - Lynchburg

Presentation Overview

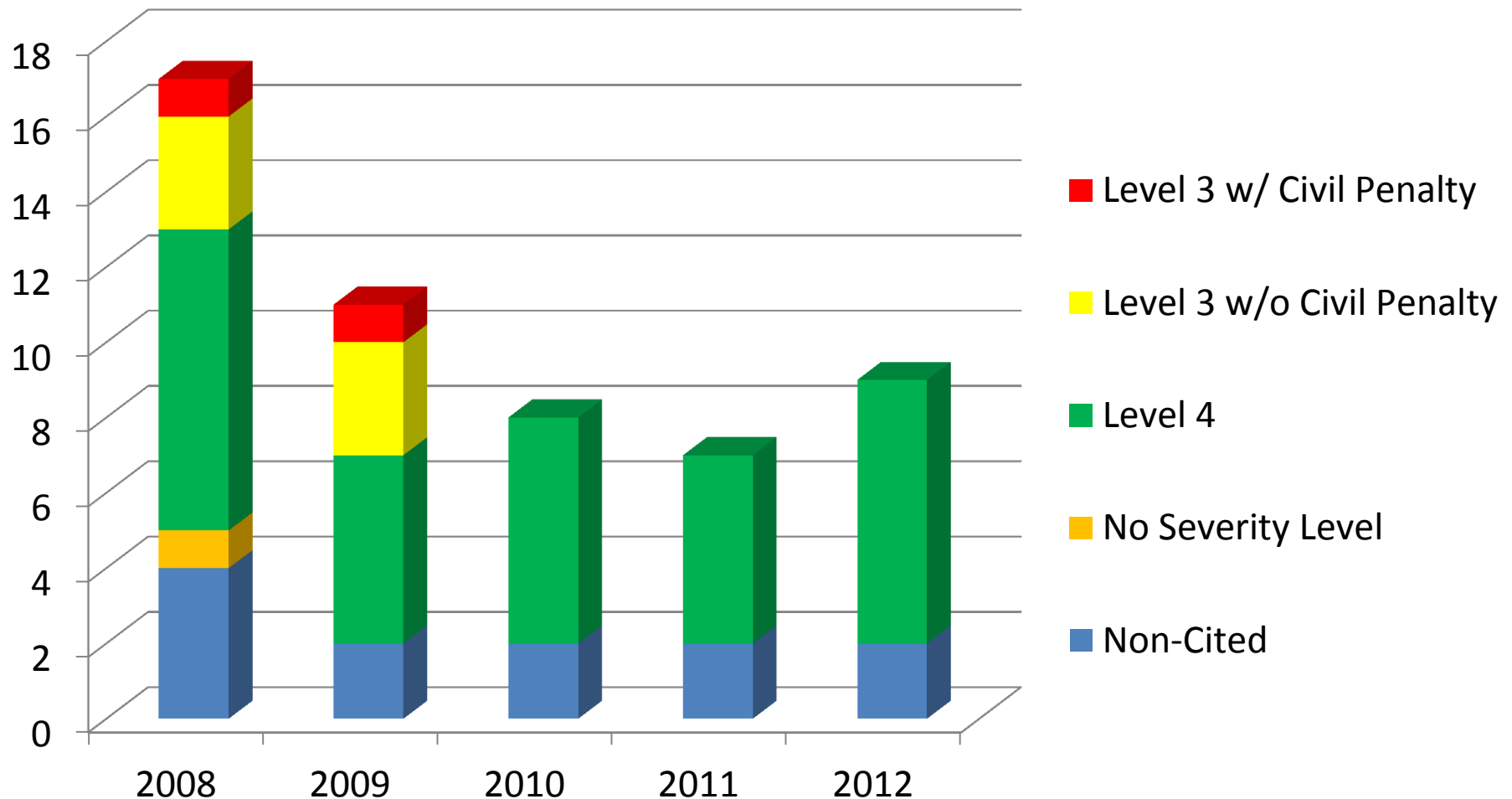
LPR Performance Areas:

- Safety Operations
- Radiological Controls
- Facility Support
- Licensing

NOG-L Business Success

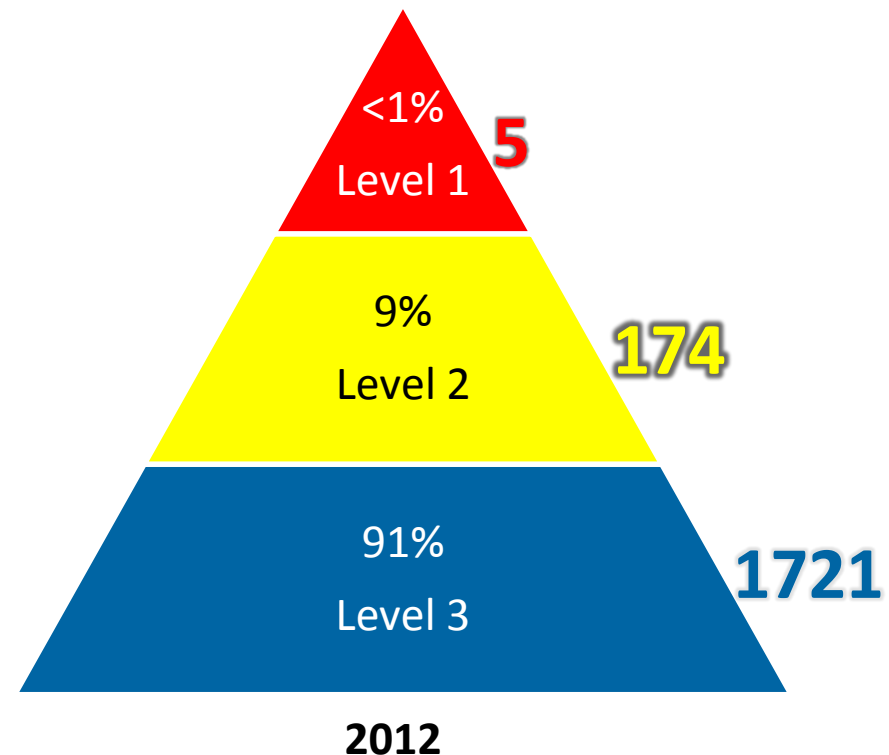


NRC Issued Violations By LPR Period



Safety Operations

- Change Management – Improvements
- Identification and Reporting of Low-Level Items
- Pre-Work Assessment Process
- Replacement of the Criticality Accident Alarm System



Radiological Controls

- Successful ALARA Program
 - When Comparing the Past NOG-L Three-Year Average to Prior Historical Averages:
 - Lowest Collective Employee Exposure in History
 - Lowest Area Air Activity in History
 - Lowest Area Contamination in Recovery and Filler Areas in History



Facility Support

NCS IROFS Improvements:

■ **Component Carts**

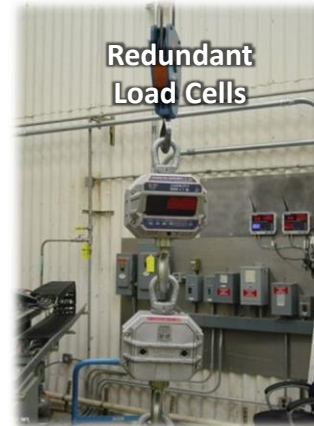
- ▶ Planned Replacement of Non-Fuel Carts With Carts Approved for Fuel and Non-Fuel
- ▶ Eliminates Minor Violations in Mishandling Components

■ **Met Lab Sample Containers**

- ▶ Improved Moderation, Piece Count and Volume Control

■ **Smart Crane Control System Upgrades**

- ▶ Redundant Instrumentation Provides Over Check of Data
- ▶ Crane Faults in a “Safe” Mode When Errors are Detected
- ▶ System is More Reliable and User Friendly



Facility Support

- Improved New Employee Safety Training:
 - Radiation Worker Training Expanded to 8 Hours, Including Practical
 - Nuclear Criticality Safety Training Expanded to 8 Hours, Including:
 - Explanation of Controlled Parameters
 - Discussion of Past NCS Violations
 - Shop and Controlled Area Tours
- Highly Qualified Emergency Team
- Excellent Community Support for Emergency Preparedness
 - State, County, and Local Government, Local Law Enforcement, and Volunteer Fire and Rescue Squads



Licensing

- Nuclear Safety Culture Survey
- Amendment for Disposal of Non-Rad WT Solids



NOG-L Safety Culture Policy Statement

The Babcock & Wilcox Nuclear Operations Group-Lynchburg is committed to maintaining a strong Safety Culture. Safety Culture is defined as *the core values and behaviors resulting from a collective commitment by leaders and individuals to emphasize safety over competing goals to ensure protection of people and the environment*. Individuals and organizations performing NRC regulated activities bear the primary responsibility for safety and security, and for fostering the following traits which exhibit a strong, positive Safety Culture:

- (1) **Leadership Safety Values and Actions** - Leaders demonstrate a commitment to safety in their decisions and behaviors;
- (2) **Problem Identification and Resolution** - Issues potentially impacting safety are promptly identified, fully evaluated, and promptly addressed and corrected commensurate with their significance;
- (3) **Personal Accountability** - All individuals take personal responsibility for safety;
- (4) **Work Processes** - The process of planning and controlling work activities is implemented so that safety is maintained;
- (5) **Continuous Learning** - Opportunities to learn about ways to ensure safety are sought out and implemented;
- (6) **Environment for Raising Concerns** - A safety conscious work environment is maintained where personnel feel free to raise safety concerns without fear of retaliation, intimidation, harassment, or discrimination;
- (7) **Effective Safety Communication** - Communications maintain a focus on safety;
- (8) **Respectful Work Environment** - Trust and respect permeate the organization; and
- (9) **Questioning Attitude** - Individuals avoid complacency and continuously challenge existing conditions and activities in order to identify discrepancies that might result in error or inappropriate action.

It should be noted that although the term "security" is not expressly included in these traits, consideration of both safety and security issues, commensurate with their significance, is an underlying principle of this policy.


Joel Burch
General Manager

8/23/2012
Date

This Document is Controlled by the HPI Coordinator