

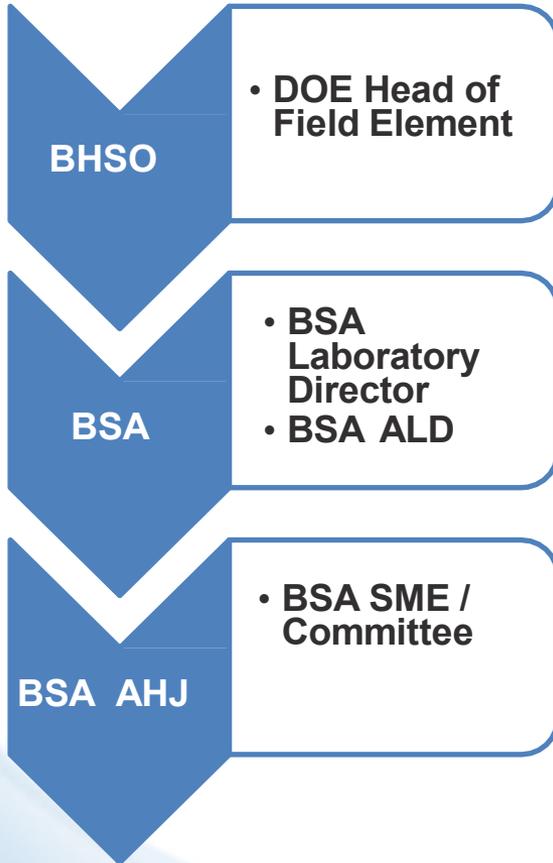
# Take 5 for Safety

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*April 19, 2016*



# Authority Having Jurisdiction

## 10 CFR 851



*Regulation incorporates standards by reference and they include an AHJ or similar provision*

*The organization, office, or individual responsible for approving equipment, materials, an installation, or a procedure must meet the regulation*

*If the regulation cannot be met, then the AHJ provides equivalent levels of protection, i.e., “equivalencies”*

Subject Matter	Committee	Reporting To
Electrical Safety	Laboratory Electrical Safety Committee (LESC)	ALD ESH
Pressure Safety	Laboratory Environmental, Safety and Health Committee (LESHC)	ALD ESH
Biological Safety	Institutional Biosafety Committee (IBC)	ALD ESH
Fire and Life Safety	Laboratory Fire Safety Committee (LFSC)	DDO

# AHJ Equivalency Ruling Information





# 137 Pressure and Cryo Safety Reviews Since PCSS Inception in 2003 - Examples

1. RHIC Snake Magnet
2. Magnetic Properties System in Physics
3. LEGS In Beam Cryostat at NSLS
4. Animal MRI Unit in Medical
5. RHIC LN2 Tanks
6. LHe e-Bubble Cryostat at Physics
7. Xenon Recovery System at PHENIX
8. LEGS Transfer Cryostat at NSLS
9. VISA II Bolometer at ATF
10. LEGS Beth Magnet at SMD
11. AGS Snake Magnet
12. OPPIS Oxford Magnet at Linac
13. NSLS Cryogenic Systems
14. RHIC Cryogenic System Upgrade
15. RIA Magnet Testing at SMD
16. EBIS Superconducting Solenoid Magnet
17. Cryogenic Xenon Gas Handling System
18. Re-look at RHIC Dipoles
19. B703 Lab W8 MPMS and PPMS Units
20. Hot Isostatic Press at Chemistry Building
21. ERL Cryostat with SCRF
22. EENS Cryogenic Experimental Areas
23. Cryogenic Safety at CFN Building 735
24. ODH Analyses of Cryogenic Areas at CFN
25. Instrumentation Division Pressure Vessel
26. ERL Vertical Cryostat with SCRF Gun
27. 5-Cell Niobium Cavity Cryostat for CeC
28. NSLS-II LN2 and GNs Experimental Systems
29. He Liquefier for CMP in Building 734
30. sPHENIX Magnet (testing)
31. Nitrogen Boil-Off System at ISB
32. ...

# Picture of the Week – Authorized Employee for Pressure System LOTO

## Authorized Employee

Locks out/Tags out equipment in order to perform maintenance

Authorized by line mgmt

Qualified by training and experience

Must determine if a written procedure exists

Trained in written LOTO procedure

