

Development of a modernized radionuclide laboratory system to support the new generation of IMS systems

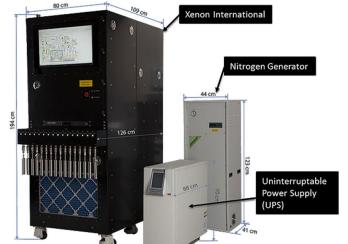
Michael Foxe, Ian Cameron, Thomas Hallen, James Hayes,
Lance Lidey, Michael Mayer, Jennifer Mendez, Rose Perea, Johnathan Slack
Pacific Northwest National Laboratory

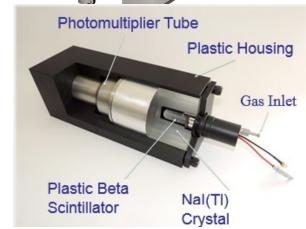




VISIT VISIT

- The U.S. lab (USL16) includes radioxenon measurement capabilities
- System was developed more than 10 years ago and parts are becoming less available
- Using new technology ensures that USL16-NGL can optimize for more and larger samples.
- Developed a new system to aid in sustainability of USL16-NGL







UNCLASSIFIED
DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE

The authors wish to acknowledge the funding support of the Nuclear Arms Control Technology Program of the U.S. Department of Defense, Defense Threat Reduction Agency