

BioCARS Decon Exercise

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BioCARS BSL-3 Experiment

- **BSL-3 Experiment November 12-14, 2004**
- **No general decontamination required for this experiment**
- **IBC determination**
- **All samples are contained in capillaries**
- **Bioquell on standby during experiment**



BioCARS BSL-3 Experiment

After Experiment:

- **General Decontamination Exercise**
- **Vapor-phase Hydrogen Peroxide**
- **Monday November 15, 2004**
- **Begin Between 8:00 and 9:00 am**
- **Will Last Several Hours**
- **APS Contingency Plan for unexpected H₂O₂ release**



Decontamination Exercise

- **BioCARS Facility will be sealed externally**
- **Internal Air Flow is Shutdown**
- **H₂O₂ Released in station to a prescribed steady state concentration**
- **External Monitoring for H₂O₂**
 - **BioQuell**
 - **ANL EQO/IH Group**
- **FC to notify Main Control Room 2-9424 at start of decon**



BioCARS BSL-3 Experiment

- **If > 2 ppm H₂O₂ detected external to facility**
 - **Turn off H₂O₂ generation.**
 - **Turn on internal ventilation (AHU104)**
 - **Activate overhead fan in Exp. Hall if necessary (FC calls 4-1001 PFS)**
 - **Limit access to area around BioCARS**
 - **Access limitation is:**
 - **Aisleway**
 - **Neighboring sectors**
 - **APS storage ring mezzanine**
 - **Mechanical mezzanine**
 - **Mitigation of any leaks by Bioquell personnel and cont.**

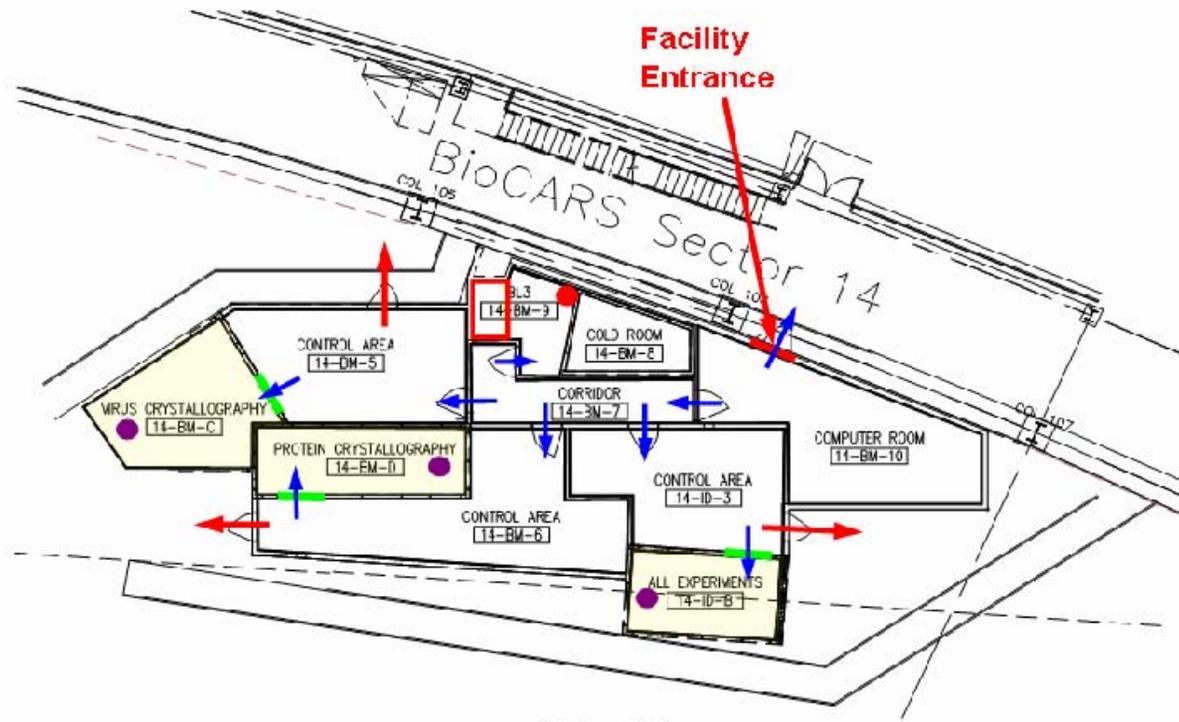
BioCARS BSL-3 Experiment

When Decon exercise is finished:

- **Bioquell Testing**
- **Unseal Station**
- **Return to Normal Operating Mode**



BioCARS Facility



Scale - Feet



- | | |
|--|--|
|  hutch (experimental station) |  biosafety cabinet (BSC) |
|  sliding hutch door |  shower, sink, eye wash station |
|  hutch exhaust |  emergency exit |
| |  directional air flow |

