

**Doc. No. 2**

200015048

~~UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION~~



Office of Health, Safety and Security  
**Office of Independent Oversight**

DEPARTMENT OF ENERGY UONI REVIEW  
 DETERMINATION (SEE NUMBER 2)

1. CONTAINS UONI  
 2. DOES NOT CONTAIN UONI  
 3. UONI DECLASSIFIED  
 4. NO LONGER CONTAINS UONI

NAME: Richard  
 DATE: 3/23/09

**Results of the  
 Safeguards and Security and Cyber  
 Security Inspection  
 of the Livermore Site Office  
 and the Lawrence Livermore National  
 Laboratory**

March - April 2008

OFFICIAL USE ONLY  
 May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552) Exemption number and category: Exemption 1, Circumvention of Statute  
 Department of Energy Review required before public release  
 Reviewing Official: Richard C. Kurtzman, HS-61  
 Date: 4/24/08 Guidance Used: CG-SS-04 Sept. 2000

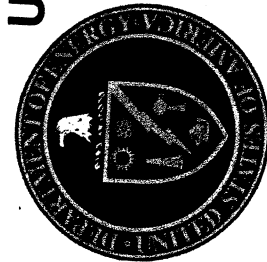
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 Reviewing Official: Richard C. Kurtzman, HS-61  
 Date: 4/24/08 Guidance Used: CG-SS-04 Sept. 2000~~

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CONFIRMED TO BE UNCLASSIFIED

DOE/OC  
 BY: J.L. Brocley HS-93 (DR)  
 Date: 3-19-09

2009002896



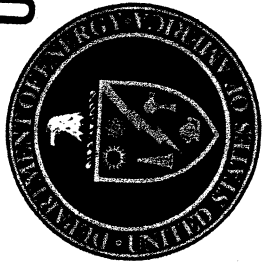
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## Purpose



*Determine for the Secretary of Energy  
the Current Status of  
Safeguards and Security and Cyber  
Security Programs  
of the Livermore Site Office  
and the Lawrence Livermore National  
Laboratory*

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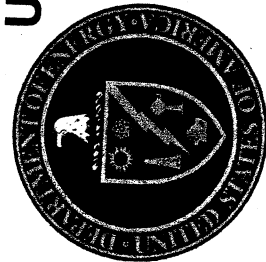
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## Areas of Focus



- **Cyber Security (Classified/Unclassified)**
- **Classification & Information Control**
- **Personnel Security**
- **Material Control & Accountability**
- **Physical Security Systems**
- **Classified Matter Protection and Control**
- **Protective Force**
- **Protection Program Management**

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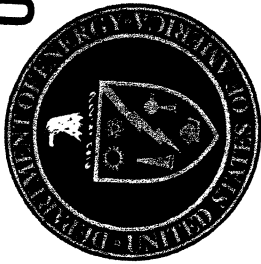
## Cyber Security



### Positive Aspects/Trends

- Classified Network Segmentation
- Classified Network Technical Implementation
- Utilizing NIST Standards for Unclassified Program
- Unclassified Technical Processes and Tools
- Comprehensive Site-Wide Risk Assessments for Both Programs
- Effective LSO Classified Cyber Security Program

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# Cyber Security



- ## Areas for Attention/Improvement
- NNSA Programmatic Guidance
  - Risk Management Processes for Specific Environments
  - Detailed Security Plans
  - Certification Processes
  - Configuration Standards