

**Lawrence Livermore National Laboratory**

**Office of Enforcement Letter  
EFCOG S&S Committee**



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## Office of Enforcement Letter of May 15, 2007

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- Not a formal enforcement letter
- Indicated an integrated program review August, 2007
  - Delayed. Likely in January, 2008
- LLNL is bringing an INL SME to Livermore November 3, 2008 for peer review of PAAA, 824, and 851-related activities

## Action by Security Organization Director

- LLNL Security Director hired statistician to examine historical e-mail incident data
- From 2003-2006, we had 5, 8, 7, & 6 e-mail incidents respectively
  - 26 incidents over 4 years with an average of 8448 cleared employees yields a Mean Time to Failure of 1287 years per employee
  - The 13 incidents in 2007 represent a statistically significant departure from the previous 4 years
- Editorial comment:
  - Given the number of e-mails sent, this failure rate is beginning to approach the safety criteria ( $10^{-9}$ ) for nuclear detonation safety in the nuclear weapons community.