



Idaho National Laboratory

INLEX05

Annual Emergency Exercise

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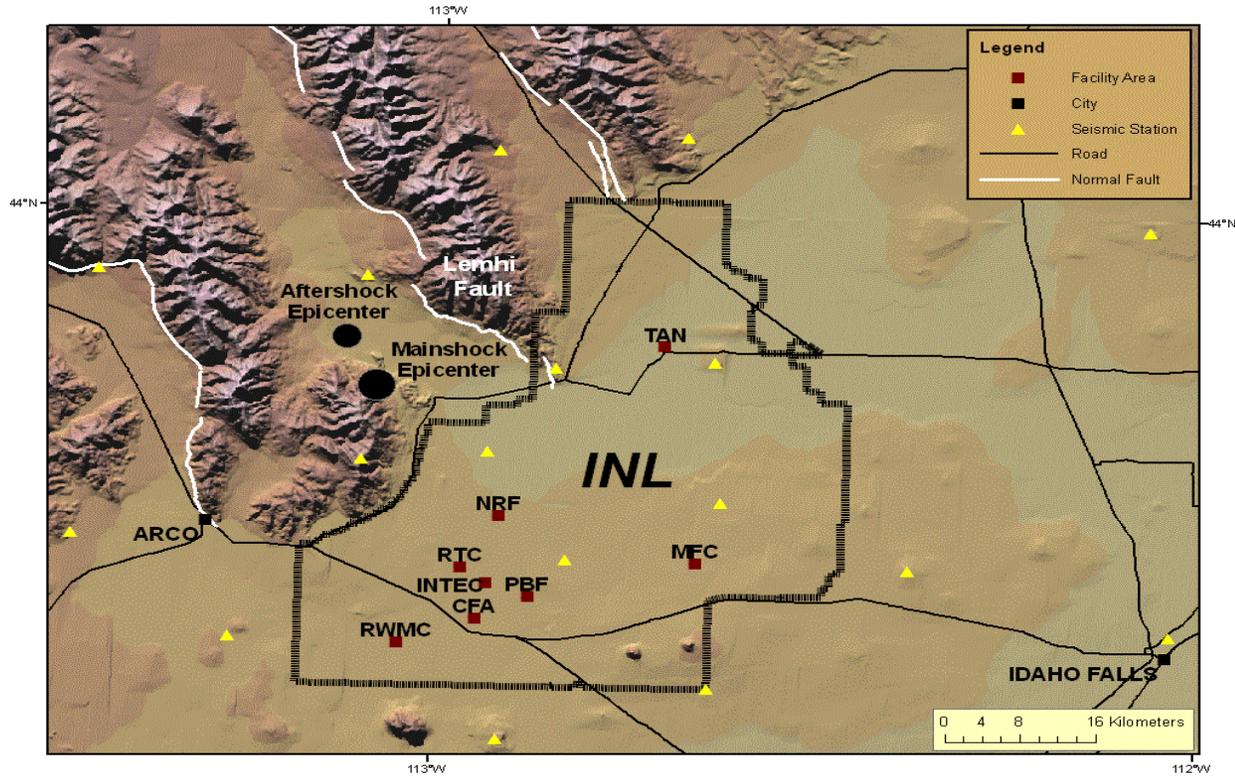
INTRODUCTION

- **Purpose**
- **Site Description/Seismic Status**
- **Scope**
- **Objectives**
- **Scenario Writing/Lessons Learned**
- **Critiques**
- **Evaluation**
- **Conclusions**

PURPOSE

- **DOE Order 151.1B Requires An Annual Exercise To Evaluate Emergency Response Capabilities.**
- **PLN-114, INL Emergency Plan/RCRA Contingency Plan.**
- **Biennial NRC TMI ISFSI Exercise.**
- **Assessment (IAS051796) Of The Emergency Management Program.**

SEISMIC STATUS



SCOPE OF PLAY

- **Onsite Players**
 - **SMC/TAN: Limited To ERO & IRT (2 hrs)**
 - **RTC: Full (4 hrs)**
 - **INTEC: Full (4 hrs)**
 - **CFA: Full (4 hrs)**
 - **RWMC: Limited To ERO (2 hrs)**

SCOPE OF PLAY

- **Onsite Players Continued**
 - **MFC: Limited to ERO (2 hrs)**
 - **Fire Department, Occupational Medical, Security: Full (4 hrs)**
 - **AMWTP: Limited To CP Activation and Communications (2 hrs)**
 - **NRF: Limited To Communications (2 hrs)**

SCOPE OF PLAY

- **STC**
 - **WCC: Full (4 hrs)**
 - **INL EOC: Full (4 hrs)**
 - **JIC: Full (6 hrs)**

SCOPE OF PLAY

- **Offsite**
 - **INL Oversight Program and Idaho Radiation Control Program**
 - **EIRMC and PMC**
 - **Idaho Bureau of Homeland Security**
- **DOE-HQ and DOE-ID**

OBJECTIVES

- **There are 17 standardized objectives.**
 - **Emergency Response Organization**
 - **Offsite Response Interfaces**
 - **Classification**
 - **Notifications**
 - **Consequence Assessment**
 - **Protective Actions**
 - **Public Information**
 - **Monitoring Team Activities**

OBJECTIVES

- **Security Measures**
- **Emergency Facilities and Equipment**
- **Communications**
- **Medical**
- **Fire and Rescue**
- **Incident Response**
- **Recovery**
- **Reentry**
- **Conduct of Exercise**

OBJECTIVES

- **Not All Objectives Were Demonstrated At Each Facility.**
- **For Example - Public Information Was Only Demonstrated At The INL EOC and JIC.**

SCENARIO

- **Four Part Exercise - Assisted By The INL Seismic Monitoring Laboratory**
- **Part 1 – Earthquake (7.2) Occurred ~ 0800 And All Facilities Activated. An After Shock (6.5) Occurred ~ 0810.**
- **SMC/TAN, RWMC, MFC, NRF, AMWTP CPs/ECCs Terminated Play At The End Of 2 Hours.**

Note: Protective Actions For The Above Facilities Were Simulated.

SCENARIO

- **Part 2 – Event Continued For Some Facilities**

RTC, INTEC, and CFA Participated With Additional Activities for 2 More Hours.

Note: Part 2 Facilities Took Protective Actions – Evacuation And Accountability.

- **INL EOC Had Overall Responsibility For Asset Allocation And Event Mitigation.**

SCENARIO

- **Part 3 – JIC Prepared And Presented A Press Briefing To Mock Media After The Termination Of The Facility And EOC Responses. CWI, BEA, DOE-ID, and State Of Idaho Public Affairs Representatives Presented The Briefing.**
- **Part 4 – Contaminated Injured Personnel Were Transported To EIRMC And PMC. Life Flight From PMC Simulated Pickup And Transport Of One Of The Injured. (This Will Occur During Parts 1 and 2.)**

LESSONS LEARNED

- **Seismic Monitoring Office – Bldg v Property**
- **Facility Planners Had To Provide The Information**
- **Radcon Area Simulated In Garage**
- **Helicopter Brought Own Victim**
- **Starting The Exercise – Voice Paging, Paging, AW/Cue Cards**

EVALUATION

- **17 Objectives**
- **Multiple Demonstration Criteria For Most Objectives**
- **Points Of Review**

CRITIQUES

- **Critiques Were Conducted With**
 - **Each Facility's ERO And AWs If Protective Actions Taken**
 - **Fire**
 - **Medical**
 - **Security**

EVALUATION

- **ERO Staff Vacancies**
- **No procedure for multiple facility notification consolidation**
- **Field Worker Accountability**
- **Narrow-Band Trunk Radio System Did Not Work**
- **Voice Paging Did Not Work Correctly In Some Areas**
- **Pre-fire Plan Chlorine Dioxide**
- **Fire Controller**
- **Exemptions**
- **2 Hour Terminations**

CONCLUSIONS

- **INL Seismic Monitoring – Realistic Scenario**
- **Largest Exercise Ever At INL. 4 Major Contractors, 11 Emergency Facilities, 3000 Evacuated, Over 110 Controllers/Evaluators**
- **1st Press Briefing**
- **INL Successfully Conducted The Exercise**