

ENCLOSURE 9



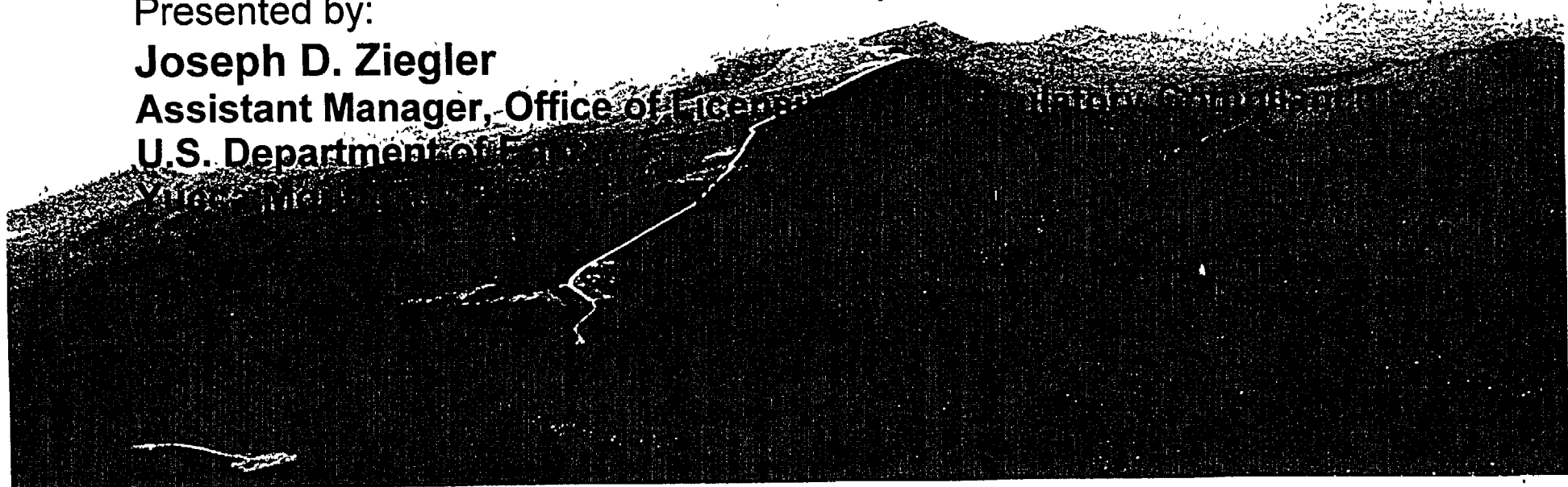
U.S. Department of Energy
Office of Civilian Radioactive Waste Management



License Application Status

Presented to:
DOE/NRC Quarterly Management Meeting

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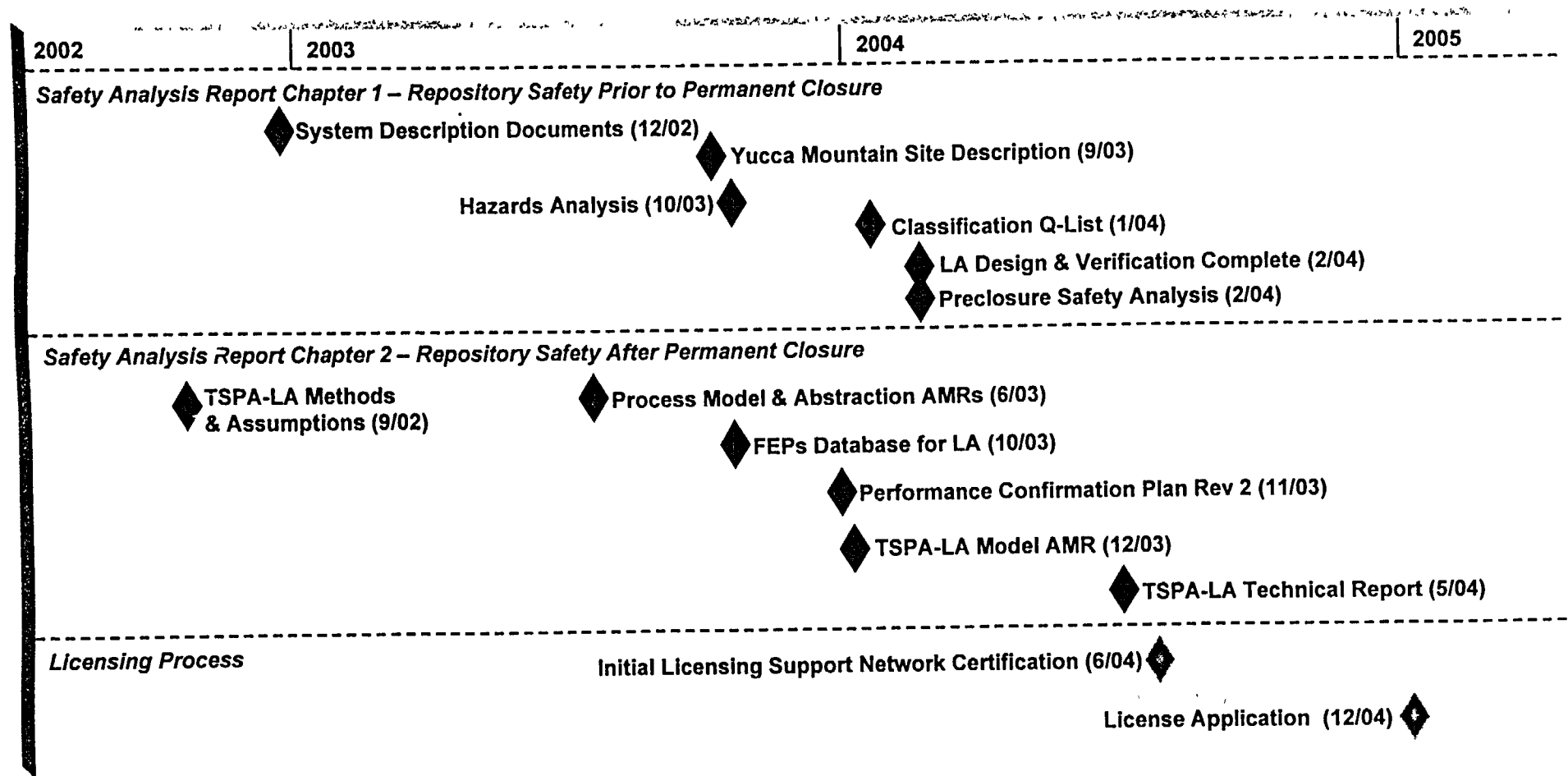


License Application Status

- **Schedule for License Application (LA) submittal is December 2004**
 - **Sections of the LA currently in development**
 - ♦ **Starting with programmatic and site description information**
 - ♦ **Refining development, review, and production processes**
 - **Supporting technical products scheduled through 2004**
- **Current issues for management discussion include**
 - **Completion of the Yucca Mountain Review Plan (YMRP)**
 - **Development of the Licensing Support Network (LSN)**
 - **Satisfaction of Key Technical Issue (KTI) information needs**



Pre-Submittal Technical Products Schedule



Completion of Yucca Mountain Review Plan

- **LA development has begun in parallel with YMRP completion to achieve 2004 target submittal date**
 - DOE is using draft YMRP as part of the basis for planning technical work and LA development
- **Delay in issuance of a final YMRP could jeopardize LA target date or consistency with YMRP**
 - DOE urges NRC to issue final YMRP as soon as possible
- **DOE has some concerns with approach and content of draft YMRP**
 - DOE comments to be presented within 5 themes



Themes for DOE Comments on YMRP

- **Organization:** Order and methods of presentation of information in the license application
- **Differentiation:** Timing and levels of detail for information at different stages of licensing
- **Risk-Informed/Performance-Based Approach:** Degree of specification of details and methods
- **Consistency:** Use of terms, concepts, and methods that reflect current, applicable regulations
- **Quality Assurance:** Based on regulations rather than implementing documents



Licensing Support Network Development

- **DOE is working aggressively to develop and activate LSN as quickly as possible**
- **Major pre-certification activities include**
 - Put screening procedures in place, train personnel
 - Build system to screen and process documents; support file format testing; and conduct performance tests
 - Develop and install content management system
 - Screen and process legacy and new documents
 - Conduct operational readiness review
- **Draft Regulatory Guide DG-3022, Topical Guidelines for the LSN published July 2002**
 - DOE will submit comments by September 30, 2002 (Date requested by NRC)



Satisfaction of Key Technical Issue Information Needs

- **DOE has adopted a risk-informed/performance-based approach to satisfying KTI agreements**
 - DOE Risk Prioritization Report forthcoming
 - Major technical products will be available to NRC upon completion
- **Sensitivity studies planned to support risk-informed/performance-based resolution of some agreements**
- **DOE's safety case and compliance arguments will be documented in the LA with updated and qualified models, software, and data**
- **KTI agreement resolution status to be discussed in subsequent presentation**



Upcoming Interactions

- **NRC - DOE Interactions**
 - August 6-8 Approach for Structural Deformation and Seismicity and Postclosure Seismicity, Las Vegas
 - September 17 Preclosure Aircraft Hazard Plan and Map, Las Vegas
 - September 19-20 Quarterly Quality Assurance/KTI and Management Meeting, Las Vegas
- **Other interactions of interest**
 - September 4-5 Igneous Consequences Peer Review Interim Report meeting, Las Vegas
 - September 10 Nuclear Waste Technical Review Board Fall meeting, Las Vegas
 - September 18-19 Licensing Support Network Advisory Review Panel, Las Vegas

