



**Error Definition**

\*The error must be clearly due to the engineer's oversight, such as an inappropriate use of SNL standards, building codes, fire codes, etc. It may also be the result of a field condition that was readily apparent, such as manholes, catch basins, or overhead power lines, but which was overlooked by the engineer.

**Omission Definition**

\*Omission must cause the cost to increase above the amount considered necessary had the project been correctly designed in the first place. For example, an omitted regulator would usually not add cost above that necessary for an original correct design. Catching improper setbacks before construction begins would also not add costs. However, if grading had started in one area and had to be abandoned, the cost of wasted ( non-value added) grading would be eligible.

**Considerations for E&O Discovery**

\* Did Sandia contribute? (i.e., conflicting specs, etc )

**Action Item**

\*Risk Assessment Form

**Note**

\*A/E is changing the Design Drawings at their cost

**Value-Added Definition**

\*Any part of the additional work that increases the value of the project by adding items that would have been included if the error/omission not had occurred.

**Non-Value Added Definition**

\*Any part of the additional scope that does not increase the value of the project, such as non-productive rework required to correct the error /omission.



**Independent Review**

Review by Internal Subject Matter Expert (SME)



**Error & Omissions Board (E&OB)**

\*Non-Project SCR  
\*Architectural/Engineering Firm (A/E)  
\*Project Sandia-Delegated Representative (SDR)



**E/O Contingency**

3% of ICAA, typical unless otherwise noted

\* Cumulative Total of E&O, Non-Value Added Cost Impacts

**ICAA**

Initial Contract Award Amount



\* Total of E&O, Non-Value Added Cost Impacts



**Sandia National Laboratories**

**Responsibilities**



- \*A/E - Architectural/Engineering Firm
- \*SCR - Sandia Contracting Representative
- \*SDR - Sandia Delegated Representative
- \*E&OB - Errors & Omissions Board
- \*PM - Project Manager
- \*REQ - Requester

**Error/Omission Process**  
 Process Owner: Department Managers,  
 Corporate Projects and Facilities Projects  
 February 7, 2008