

Preliminary Estimate of Licensee Support for Level 3 PRA Study

Initial information gathering

- Pre-visit document collection and preparation for site visits (2 staff x 2 weeks = **1.0 staff-month**)
- Two 1-week site visits, including a plant familiarization tour and presentation on licensee PRA (4 staff x 2 weeks = **2 staff-months**)

Performance of PRA

- Site visits to perform plant walkdowns and discuss specific aspects of the study (e.g., internal and external hazards, severe accident and containment response modeling, low power and shutdown operation, spent fuel pool, and dry cask storage) (4-6 trips x 2-4 staff x 2-4 days = **2-4 staff-months**)
- Information requests (6-8 requests x 1-2 staff x 2-5 days = **2-3 staff months**)
- Expert elicitations, likely requiring operations and engineering staff (2-3 staff x 3-4 weeks = **2-3 staff-months**)

Documentation reviews

- Proprietary information/Freedom of Information Act support (3 staff x 3 weeks = **2 staff-months**)
- Review of draft documents to be published by NRC (2 staff x 3 weeks = **1.5 staff-months**)

Peer reviews

- ASME standard-type peer review (2 staff x 3 weeks = **1.5 staff-months**)
- External peer review (3 staff x 2 weeks = **1.5 staff-months**)
- Support ACRS briefings (2 staff x 1 week = **0.5 staff-months**)

Other

- Orientation and badging of NRC staff

Total licensee level of effort = 16-20 staff-months, over an approximately 3 year period, depending on the quality of information available