

ADDENDUM "A"

Areas in Which the NRC, the designated representative of AIT, Is Performing Confirmatory Nuclear Safety Research

1. Digital Instrumentation and Control;
2. Reactor Equipment Qualification;
3. Environmental Transport;
4. Fire Safety Research;
5. Nuclear Fuel Analysis;
6. Operating Experience and Generic Issues;
7. Human effects on nuclear safety;
8. Radionuclide Transport and Waste Management;
9. Probabilistic Risk Assessments;
10. Radiation Protection and Health Effects;
11. Seismic Safety;
12. State of the Art Risk Consequences;
13. Containment Structural Integrity;
14. Regulatory Guide Update;
15. New and Advanced Reactor Designs;
16. Decommissioning;
17. Thermal Hydraulic Code Applications and Maintenance; and
18. Severe Accident Analysis.