**Section 351.APPENDIX A Subjects To Be Included In Training Courses For Logging Supervisors**

AGENCY NOTE: Licensees may wish to refer to Section 8.8 and Appendix F of the U.S. Nuclear Regulatory Commission's NUREG 1556 Volume 14, Rev. 1 for additional guidance on training requirements, expectations on course length, duration of on-the-job training for both well logging supervisors and logging assistants, instructor minimum qualifications, and additional information to be submitted for Agency evaluation.

a) Fundamentals of Radiation Safety

1) Characteristics of radiation

2) Units of radiation dose and quantity of radioactivity

3) Significance of radiation dose

A) Radiation protection standards

B) Biological effects of radiation dose

4) Levels of radiation from licensed material

5) Methods of minimizing radiation dose

A) Working time

B) Working distances

C) Shielding

6) Radiation safety practices, including prevention of contamination, and methods of decontamination.

b) Radiation Detection Instrumentation to be Used

1) Use of radiation survey instruments

A) Operation

B) Calibration

C) Limitations

2) Radiation Survey Techniques

3) Use of personnel monitoring equipment

c) Equipment to be Used

1) Operation of equipment, including source handling equipment and remote handling tools;

2) Storage, control, and disposal of licensed material; and

3) Maintenance of equipment

d) The Requirements of Pertinent State Regulations

e) Case histories of accidents in well logging.