

APPENDIX A
to
License No. DPR-12

TECHNICAL SPECIFICATIONS
for
Peach Bottom Atomic Power Station
Unit No. 1

1.0 LOCATION AND SITE

The Peach Bottom Atomic Power Station (PBAPS) Unit No. 1 is located in Peach Bottom Township, Pennsylvania, in the western shore of the Conowingo Pond at the mouth of Rock Run Creek on a site owned by PECO Energy Company. These Technical Specifications apply to the PBAPS Unit No. 1 Exclusion Area. The Exclusion Area shall consist of an area within the PBAPS which is enclosed within locked barriers, and contains the Containment Vessel, Spent Fuel Pool Building and Radwaste Building. The only activity carried on within the Exclusion Area shall be routine and emergency inspections and maintenance associated with the possession of the decommissioned PBAPS Unit No. 1. Peach Bottom Atomic Power Station, Units 2 and 3 are also located on the site.

2.0 ADMINISTRATIVE AND PROCEDURAL SAFEGUARDS

2.1 Administrative Organizations and Controls

(a) Plant Manager

The Peach Bottom Plant Manager shall have the responsibility for administration of all Unit No. 1 functions.

(b) Controls

1. Except when opened to provide egress for inspections, surveys and repairs, the following exclusion area barriers shall be maintained locked:
 - i. The gate in the Exclusion Area fence located outside the containment personnel access lock at Elevation 116'-0".
 - ii. The gate in the Exclusion Area fence located outside the Spent Fuel Pool Area personnel access door at Elevation 116'-0".
 - iii. The gate in the Exclusion Area fence located outside the containment personnel access lock on Elevation 176'-6".
 - iv. Containment personnel access lock at Elevation 116'-0".
 - v. Containment personnel access lock at Elevation 176'-6".

- vi. Grating over southwest stairway leading from refueling floor of Containment to Containment lower levels.
 - vii. Personnel door into Spent Fuel Pool Area at Elevation 116'-0".
 - viii. Radwaste Room personnel door at Elevation 104'-0"
2. Employees of the Peach Bottom Atomic Power Station shall report to the Peach Bottom Plant Manager or his designated representative any observed indication of change in facility status as shown by smoke, fire, tornado, flood or attempted break-in and take any immediate action authorized.
3. Administrative procedures shall be established for the notification and reporting of the following reportable events:
 - i. The entrance of an unauthorized person(s) into the facility.
 - ii. A significant change in the radiation or contamination levels in the facility.
 - iii. Effluent releases in excess of Specification 2.1(b)(8).
 - iv. Water accumulation in the containment sump in excess of Specification 2.1(b)(9).
4. Security of the facility shall be included as a part of the Peach Bottom Atomic Power Station security plan.
5. In the event of a Probable Maximum Flood, the personnel access door at elevation 116'-0" shall be opened in accordance with the Peach Bottom Atomic Power Station Units 2 and 3 flood procedures.
6. If entry and/or work in the controlled area of the containment should be necessary, radiation level and airborne activity surveys shall be performed prior to beginning work and all work shall be performed under controls, as appropriate, to minimize the radiation exposure of personnel and to prevent the release of radioactivity to the environment.
7. All radiation surveys, tests, counting work and radiation exposure control measures shall be performed in accordance with written instructions and procedures that conform with the requirements of the Peach Bottom Atomic Power Station Units 2 and 3 radiation control procedures.

8. Effluent Release Limits

i. Liquid Effluents

Radioactive waste discharges to offsite locations shall not exceed the limits given in 10 CFR 20.1001-20.2402, Appendix B, Table 2, Column 2, on an instantaneous basis.

ii. Gaseous Effluents

Gaseous effluents shall not result in offsite ground level concentrations exceeding the limits given in 10 CFR 20.1001-20.2402, Appendix B, Table 2, Column 1, on an instantaneous basis.

9. Water Intrusion Limits

Water accumulation in the containment sump shall be limited to 500 gallons.

2.2 Records

Licensee shall keep logs and records in sufficient scope and detail to establish that the facility is being maintained within the limitations of the Part 50 Possession Only License. The following items shall be recorded:

- (a) Results of periodic inspections
- (b) Records required by 10 CFR 50.75(g)
- (c) Reportable events

2.3 Periodic Inspections

The following inspections of the Unit No. 1 facility shall be performed by personnel knowledgeable in nuclear radiation monitoring and with the radiological hazards associated with the decommissioned plant. Records of these inspections shall be maintained on file.

- (a) DELETED
- (b) Semi-Annual Inspection
 - 1. Conduct an inspection of exclusion area barriers to ensure that the integrity of the barrier, and their locking apparatus are intact.
 - 2. Conduct a radiological survey of the accessible areas of the exclusion area. The survey shall include radiation levels and surface contamination as well as air particulate activity.

3. The high efficiency particulate filter on the containment breather line shall be surveyed for activity, and the filter changed at least annually.
4. Inspect the accessible areas below ground level in the containment vessel for water accumulation. Perform a radiological analysis if there is sufficient water accumulation to obtain a sample.

2.4 Reports

- (a) An annual report shall be submitted to the Nuclear Regulatory Commission, Washington, DC 20555, describing the results of facility radiation surveys, the status of the facility, and an evaluation of the performance of security and surveillance measures. Include the results of the radiological analysis, along with an evaluation of the source of the water and corrective actions taken, for sampleable quantities of water accumulation in the containment vessel.
- (b) The NRC Regional Office shall be notified within 24 hours of discovery of a reportable event (specification 2.1(b)(3)), and a written report pursuant to 10 CFR 50.73 shall be submitted to the Administrator of the Regional Office within 30 days.