

## 6.6 STATION REPORTING REQUIREMENTS

### 6.6.1 Routine Reports

The following reports shall be submitted to the Director, Office of Inspection and Enforcement Region II, Atlanta, Georgia.

#### 6.6.1.1 Startup Report

A summary report of unit startup and power escalation testing shall be submitted following (1) receipt of an operating license, (2) amendment to the facility license involving a planned increase in power level, (3) installation of fuel that has a different design or has been manufactured by a different fuel supplier, and (4) modifications that may have significantly altered the nuclear, thermal or hydraulic performance of the unit. Startup reports shall be submitted (1) within 90 days following completion of the startup test program, (2) 90 days following resumption or commencement of commercial power operation, or (3) nine months following initial criticality, whichever occurs first. If a startup report does not cover all three events, i.e., initial criticality, completion of the startup test program and resumption or commencement of commercial power operation, supplementary reports shall be submitted at least every three months until all three events are completed.

#### 6.6.1.2 Report of Changes, Tests and Experiments

A brief description and the summary of the safety evaluation for those changes, tests, and experiments carried out without prior Commission approval pursuant to the provisions of 10CFR50.59 shall be submitted prior to April 1 of each year.

#### 6.6.1.3 Personnel Exposure and Monitoring Report

A tabulation (supplementing the requirements of 10CFR20.407) of the number of personnel receiving exposures greater than 100 mrem in the reporting period and their associated man-rem exposure, according to duty function, e.g., routine plant surveillance and inspection (regular duty), routine plant maintenance, special plant maintenance (describe maintenance), routine fueling operation, special refueling operation (describe operation), and other job-related exposures shall be submitted prior to April 1 of each year.

#### 6.6.1.4 Reporting of Radioactive Effluent Releases

Data shall be reported to the Commission semi-annually in a form similar to that shown in Table 6.6-1 and shall include the following:

##### (1) Gaseous Releases

- (a) Total radioactivity (in curies) releases of noble and activation gases.
- (b) Maximum noble gas release rate during any one-hour period.
- (c) Total radioactivity (in curies) released, by nuclide, based on representative isotopic analyses performed.

(d) Percentage applicable limits released.

(2) Iodine Releases

- (a) Total I-131, I-133, I-135 radioactivity (in curies) released.
- (b) Total radioactivity (in curies) released, by nuclide, based on representative isotopic analyses performed.
- (c) Percentage of limit.

(3) Particulate Releases

- (a) Gross radioactivity ( $\beta$ - $\gamma$ ) released (in curies) excluding background radioactivity.
- (b) Gross alpha radioactivity released (in curies) excluding background radioactivity.
- (c) Total radioactivity released (in curies) of nuclides with half-lives greater than eight days.
- (d) Percentage of limit.

(4) Liquid Releases

- (a) Gross radioactivity ( $\beta$ - $\gamma$ ) released (in curies) excluding tritium and average concentration released to the unrestricted area at the Keowee Hydro unit.
- (b) The maximum concentration of gross radioactivity ( $\beta$ - $\gamma$ ) released to the unrestricted area (averaged over the period of release).
- (c) Total tritium and alpha radioactivity (in curies) released and average concentration released to the unrestricted area at the Keowee Hydro unit.
- (d) Total dissolved gas radioactivity (in curies) and average concentration released to the unrestricted area at the Keowee Hydro unit.
- (e) Total volume (in liters) of Keowee Hydro liquid waste released.
- (f) Total volume (in liters) of dilution water used prior to release from the restricted area.
- (g) Total radioactivity (in curies) released, by nuclide, based on representative isotopic analyses performed.
- (h) Percentage of limit for total activity released.

(5) Solid Waste

- (a) The total amount of solid waste packaged (in cubic feet).
- (b) Estimated total radioactivity (in curies):
- (c) Disposition including date and destination if shipped off site.

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