

ENVIRONMENTAL LICENSEE EVENT REPORT (#77-50E)

1. Facility: Crystal River Unit #3
2. Report Date: June 8, 1977
3. Occurrence Date: May 5-6, 1977
4. Identification of Occurrence:

Biomass of fish and shellfish impinged on the intake screens of Units 1, 2 and 3 exceeded the 50 kg/24hr reporting level of section 3.1.3 of the Environmental Technical Specifications.

5. Conditions Prior to Occurrence:

Unit #1 - All water circulation pumps operational.

Unit #2 - All water circulation pumps non-optional (Unit 2 down, maintenance).

Unit #3 - All water circulation pumps operational.

6. Description of Occurrence:

During the period 0900 May 5, 1977 to 0900 May 6, 1977 54.18 kg of fish and shellfish were impinged on the intake screens of Crystal River Units 1, 2 and 3. Of the 54.18 kg impinged, Unit 3 accounted for 51.01 kg (94% of total). One commercially unimportant species, the bat-fish accounted for 5.21 kg (10% of total). Two commercially utilized species, the pink shrimp and the blue crab accounted for 45.25 kg (84% of total). Impingement of all other commercially utilized species was less than 1 kg during the period in question. The remaining biomass impinged was distributed among several species of fish and shellfish.

7. Designation of Apparent Cause of Occurrence:

The following unusual or periodic events were noted prior to or during the occurrence:

- A. One oil barge left canal at 1500 May 5, 1977.
- B. Very strong tides during survey.

These events may have been partially responsible for the impingement observed.

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