

ENVIRONMENTAL LICENSEE EVENT REPORT (#77-31E )

1. Facility: Crystal River Unit #3
2. Report Date: 25 April 1977
3. Occurrence Date: 30-31 March, 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 non-operational (unit 1 down, maintenance).

Unit #2 - 1 of 4 water circulation pumps non-operational from 0630 to 0810 on 3/31/77, all others operational.

Unit #3 - All water circulation pumps operational.

6. Description of Occurrence:

During the period 1000 March 30, 1977 to 1000 March 31, 1977 116.98 kg of fish and shellfish were impinged on the intake screens of Crystal River Units 1, 2 and 3. Of the 116.98 kg impinged, Unit 3 accounted for 66.28 kg (57% of total). Two commercially unimportant species, the batfish and the cowfish accounted for 84.74 kg (72% of total). Two commercially utilized species, the pink shrimp and the blue crab accounted for 17.48 kg (15% 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:

Barge traffic:

One coal barge entered the intake canal.

This event may have been partially responsible for the impingement observed.

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