



V-28
Gross Co Ltd

UNITED STATES
ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

FEB 5 1975

Mr. George W. Liggett
R. D. No. 1, Box 10
Mays Landing, New Jersey 08330

Dear Mr. Liggett:

Mr. H. R. Phillips of the Environmental Protection Agency, Region II, has forwarded to us your inquiry of January 13, 1975 concerning an inspection of the Oyster Creek Nuclear Station conducted by Dr. Charles Gallina of our staff. In response to your inquiry, the following information is being provided.

Dr. Gallina conducted an inspection of the Oyster Creek Nuclear Station on October 1, 1973 (RO Inspection Report No. 50-219/73-16). Since the date of the previous inspection is also listed on the report cover sheet (September 10-12, 1973), the September date may have been misinterpreted as the actual date of the inspection. The date of previous inspection refers to the date for the inspection conducted at the site having the report number sequentially preceding 50-219/73-16 and not to the previous inspection conducted by Dr. Gallina.

The Summary of Findings of the aforementioned report (50-219/73-16) lists thirteen violations identified during an earlier inspection (50-219/73-03) which was conducted by Dr. Gallina in February and March of 1973. The Summary goes on to state that these violations were reviewed by Dr. Gallina and all were found to have been fully corrected. These reports may be referred to for details.

It should be noted further, however, that each of the thirteen violations identified related to the failure on the part of the licensee to take required environmental samples and not to releases of radioactivity to the air and water in excess of any AEC requirements.

We hope that this information has answered your concerns. Should you desire any further information, please feel free to contact us.

James P. O'Reilly
Director

B1897

cc: Dr. Charles Gallina (USNRC)

| | | | | | | |
|---------|-----------------------------|--------|--------|----------|--|---------------|
| OFFICE | Mr. Herman Phillips (USEPA) | | | | | |
| SURNAME | GRESS Gallina:ny cap | Bohr | NELSON | O'Reilly | | EB BRUNNER |
| DATE | 2/3/75 | 2/3/75 | 2/3/75 | 2/3 | | 2/4/75 |

| No. | For* | Initials | Da |
|-----|----------------|----------|----|
| 12 | Director | in | y |
| | Technical Asst | | |

| | | | |
|--|-------------------|--|--|
| | Construction | | |
| | Construction Proj | | |
| | Engineering Spt | | |

| | | | |
|---|---|--------------|--|
| 4 | 2 | Operations | |
| | | BWR Projects | |
| | | PWR Projects | |
| | | Nuclear Spt | |

| | | | |
|--|--|------------------|--|
| | | Plant Protection | |
| | | Proj & Tech Spt | |
| | | Auditing | |
| | | Security | |

| | | | | |
|---|---|----------------------|----|------|
| 2 | h | Rad & Env Protection | m | 1/27 |
| | | Materials | | |
| | | Facilities | | |
| 3 | h | Environmental | sh | |
| | | Investigator | | |

Action - DAPPY + 10

| | | | |
|--|--|-------------------|--|
| | | Admin Officer | |
| | | Office Svcs | |
| | | Traveling & Purch | |
| | | Records & Control | |
| | | CRESS | |

| | | | |
|--|--|----------------------|--|
| | | Public Information O | |
| | | Training Officer | |

PDR Non-PDR Note*
 General File Action
 Information

No. of cys _____ Date Received 1/27
 Remarks: _____



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10007

January 17, 1975

Mr. George W. Liggett
RD 1, Box 10
Mays Landing, N.J.

Dear Mr. Liggett:

Because the Oyster Creek investigation was an on-site, AEC compliance review, we are forwarding your inquiry to the AEC:

Dr. Chas. Gallena
Regulatory Operations, Reg. I
U.S.A.E.C.
631 Park Ave.
King of Prussia, Pa. 19406

Sincerely yours,

A handwritten signature in cursive script that reads "Herman R. Phillips".

Herman R. Phillips
Public Information Specialist

cc: C. Gallena ✓

XDI, Box 10
Rays Landing, New Jersey
January 13, 1975

USEPA

Region II
24 Ed. Plaza, New York

Dear Sir:

In September 1973 Inspector Charles Gallena of the AEC investigated the Oyster Creek Nuclear Station in Ocean County, N.J. He found 13 major violations, some of them involving the release of radioactivity in the air and water.

Recently the Atlantic City Press reported ship worm damage by the Oyster Creek plant, verified by the AEC.

I would like to know specifically whether ^{the} violations in the release of radioactivity found by Inspector Gallena have been remedied and to what extent.

Thank you for your information.

Sincerely,
George W. Liggelt

JAN 15 1975

(10)
Issue No
68 R
213
KAG

OK
Sent by IPM JRC
(No. 8)

BLUE SHEET

(REGION I WORK FORM)

No. 75.06

Date: 2/4/75

OFFICE OF INSPECTION AND ENFORCEMENT
NOTIFICATION OF AN INCIDENT OR OCCURRENCE

Facility: Jersey Central Power and Light Company (Oyster Creek,
BWR Reactor)

Problem: Fish Mortalities are Predicted to Occur When Reactor Makes,
a Scheduled Shutdown on February 5, 1975

The licensee reported to Region I (King of Prussia, Pennsylvania) by telephone on February 3, 1975, that there was a high probability that a fish kill would occur when the reactor was shut down to perform the safety related piping inspections as required by IE Bulletin 75-01 issued on January 30, 1975.

The following preliminary information was supplied by the licensee:

1. The facility will be shutdown on February 5, 1975, beginning about 9:00 p.m., to complete inspection requirements pursuant to IE Bulletin 75-01.
2. A sizeable fish population (mostly menhaden) is presently situated in the plant's effluent canal.
3. Existing water temperatures in the plant's effluent canal and Barnegat Bay (the source of supply water for the station) are 55 degrees F and 34 degrees F, respectively.
4. The lethal minimum temperature for menhaden, blue, and spot fish is approximately 37 degrees F.
5. When the station shutdown occurs, the water temperature in the effluent canal is expected to cool down to the supply water temperature of 34 degrees F.
6. Based on preliminary estimates, a fish kill is predictable with visual fish mortalities appearing February 6, 1975, following the temperature equalization of the effluent canal water with the bay water.

3/18/75

Action

1. The licensee and his environmental group (JCP&L) will be onsite and will monitor the fish kill.
2. The licensee will use available (limited) options to mitigate potential consequences, including cessation of dilution water and circulating water flow during the shutdown and will reduce temperatures as slowly as practicable.
3. The licensee has issued a press release.
4. The licensee will file a report to the Commission when and if the event takes place.
5. IE representatives and a consultant (Fishery Biologist) will be onsite. Further action by IE will be based on developments (e.g., Press Release).
6. The State of New Jersey has been notified by IE.

Contact

Further information concerning this occurrence can be obtained from:

Distribution

Prepared by: E. G. Greenman

cc: J. P. O'Reilly
D. L. Capton
E. J. Brunner
P. Stohr
K. Abraham

To retrieve from WYLBUR: ? use &wdc3rgu.blue.sheet.75.06 on aec001