

March 30, 1985

Docket No. 50-219
LS05-85-03-038

Mr. P. B. Fiedler
Vice President and Director
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

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| | |
|----------------|--------------|
| Docket File | OELD |
| NRC PDR | ELJordan |
| Local PDR | BGrimes |
| NSIC | JPartlow |
| ORB #5 Reading | ACRS (10) |
| HThompson | CMiles |
| JZwolinski | SECY |
| CJamerson | RDiggs |
| JDonohew | ORAB |
| HDenton | DCrutchfield |
| TBarnhart (4) | JPKnight |

Dear Mr. Fiedler:

SUBJECT: ENVIRONMENTAL QUALIFICATION OF ELECTRIC EQUIPMENT
IMPORTANT TO SAFETY - EXTENSION OF DEADLINE

Re: Oyster Creek Nuclear Generating Station

The regulation cited in 10 CFR 50.49(g) requires that each holder of an operating license issued prior to February 22, 1983, shall by May 20, 1983, identify the electrical equipment important to safety within the scope of this section that is qualified and submit a schedule for either the qualification to the provisions of this section or the replacement of the remaining electrical equipment important to safety within the scope of this section that is not qualified. This schedule must establish a goal of final environmental qualification of the electrical equipment within the scope of this section by the end of the second refueling outage after March 31, 1982, or by March 31, 1985, whichever is earlier.

The rule also provides that the Director of the Office of Nuclear Reactor Regulation may grant requests for extensions of this deadline to a date no later than November 30, 1985, for specific pieces of equipment, if these requests are filed on a timely basis and demonstrate good cause for such an extension, such as procurement lead time, test complications and installation problems. In addition, 10 CFR 50.49(h) provides that each licensee shall notify the Commission of any significant equipment problem that may require extension of the completion date provided in paragraph (g) of this section within 60 days of its discovery.

GPU Nuclear responded to 10 CFR 50.49(g) by letter dated June 23, 1983, after requesting an extension to the May 20, 1983, deadline contained in 50.49(g). This letter identified the electrical equipment important to safety within the scope of 50.49 that is already qualified and submitted a schedule for either the qualification or the replacement of the remaining electrical equipment important to safety that is not qualified. This schedule established the goal of final environmental qualification by the end of the Cycle 11 refueling outage, the second refueling outage for Oyster Creek after the March 31, 1982, deadline in 50.49(g).

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PDR ADOCK 05000219
P PDR

SEQ
DSU Use 51

By letters dated February 22 and March 15, 1985 and supplemented by letters dated March 27, March 29, and March 30, 1985, GPU Nuclear requested an extension from the March 31, 1985, deadline to November 30, 1985 for the qualification of equipment which will not be completed by the March 31, 1985 deadline. A meeting was held between NRC staff members and GPU Nuclear representatives on March 26, 1985, to further clarify your commitments and plans with regard to completing equipment qualification at Oyster Creek. A summary of that meeting, along with material presented by you at the meeting, will be docketed shortly. A description of equipment that will not be qualified by March 31, 1985, is enclosed. This description is from material presented by GPU Nuclear at the meeting. The purpose of this letter is to inform you of the disposition of your request.

The letters dated February 22 and March 15, 1985 described GPU Nuclear's lack of success to procure the equipment, complete the qualification documentation or replace the equipment before March 31, 1985 and concluded that an extension of the deadline is necessary. The enclosures to the February 22, and March 15, 1985, letters provided justifications for continued operation for the equipment that is not qualified. The letter dated March 30, 1985, gave GPU Nuclear's commitment to have the equipment qualified by November 30, 1985, or shut Oyster Creek down on November 30, 1985, and keep it down until the equipment is qualified.

The staff has reviewed the justifications for continued operation and finds them acceptable. The staff concludes that the request for an extension beyond March 31, 1985, is timely and within the scope of 50.49(g) and finds that good cause exists for granting your request for the equipment listed in the enclosure which you have committed to have qualified by November 30, 1985, or will shut the plant down on November 30, 1985 and keep it down until the equipment is qualified. We find that extending the implementation date until November 30, 1985 for Oyster Creek is acceptable and that operation until that time will not adversely affect the public health and safety.

Your request for an extension to November 30, 1985, is hereby granted for the items listed in the enclosure.

Sincerely,

Original signed by

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

*SEE 1
DSW USE 51*

Enclosure:
As stated

cc w/enclosure:
See next page

DL: *ORB* #5
JD *new*:cs
3/30/85

By Phone to Hugh Thompson
DL: ORB #5
JZwolinski
3/30/85

HRT
DL: DIR
HThompson
3/30/85

OELD
By Phone to Hugh Thompson
3/30/85
Bell Shuckler HRT

HRT
NRR: A/DIR
DE: *isenhut*
3/30/85

DL: AD/SA
DCrutchfield
3/30/85

HRT
NRR: DIR
HDenton
3/30/85

HRT for By Phone to Hugh Thompson
DE: A/DIR
JPKnight
3/30/85

Mr. P. B. Fiedler

- 3 -

March 30, 1985

cc

G. F. Trowbridge, Esquire
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1800 M Street, N.W.
Washington, D.C. 20036

Resident Inspector
c/o U.S. NRC
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Bishop, Liberman, Cook, et al.
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Commissioner
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Newark, New Jersey 07102

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Nuclear Regulatory Commission
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Department of Law and Public Safety
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Trenton, New Jersey 08625

Mayor
Lacey Township
818 West Lacey Road
Forked River, New Jersey 08731

U.S. Environmental Protection Agency
Region II Office
ATTN: Regional Radiation Representative
26 Federal Plaza
New York, New York 10007

D. G. Holland
Licensing Manager
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

OYSTER CREEK EQ DETAIL STATUS

(Before 11/30 - Install During Operation)

| Component Type | Number | Plant Systems | Material Status | Engineering Required | Remarks |
|---------------------------------|--------------|--|------------------|---------------------------------------|---|
| Namco Limit Switch | 4 9 20 | Core Spray and ADS Suppression System SBGT/Reactor Bldg. Ventilation | May/June | June (mounting details) | Switch for switch replacement, mounting plate modification, testing and adjustment. |
| Fuel Zone Thermocouples | 2 | Reactor Plant Instrumentation Systems | May/June | June | Installation Specification and Final Calibration. |
| Fisher Valve Position Indicator | 2 | Condensate Transfer System | August/September | September | Assembly for assembly change out with interface engineering. |
| DC-2 Motor Control Center | 1 | 125 Volt Station DC System | June/July | July | |
| Pressure Switches | 4 | Core Spray and ADS | August/September | August | One for one with new mounting details and tubing fit up modifications. |
| Particulate Monitoring Controls | 3 | Hydrogen Oxygen | May/June | June | |
| Temperature Element Pyco | 4 | Drywell and Suppression System | July, 1985 | Release for Construction August, 1985 | |
| Temperature Switch Ashcroft | 2 | Containment Spray | TBD | TBD | |
| TOTAL | 51 | | | | |

OYSTER CREEK EQ DETAIL STATUS
(Before 11/30 - Shutdown Required)

| Component Type | Number | Plant System | Material Status | Engineering Status | Remarks |
|--|--------|--|-------------------|---------------------------------------|--|
| Differential Pressure Transmitters Rosemount | 2 | Reactor Plant Instrumentation System | August, 1985 | October, 1985 | Replacement with new mounting details and electrical modifications. |
| Differential Pressure Pressure Transmitters GE | 2 | Reactor Plant Instrumentation System | August, 1985 | October, 1985 | Replacement with new mounting details and electrical modifications. |
| Pressure Transmitters Rosemount | 2 | Reactor Plant Instrumentation System | August, 1985 | October, 1985 | Replacement with new mounting details and electrical modifications. |
| Limiterque Motor Operator Limit Switches | 2 | Drywell and Suppression System | On-Site | Complete | |
| Limiterque Motor Operator Limit Switches | 4 | Main Steam System | On-Site | May | |
| Differential Pressure Switch - IIT Barton | 2 | Drywell and Suppression System | August, 1985 | Release for Construction August, 1985 | Replacement with new mounting detail and tubing fit up modification. |
| Level Indicating Switches - Yarway | 3 | Reactor Plant Instrumentation System | August, 1985 | Release for Construction August, 1985 | Replacement with new mounting detail and tubing fit up modification. |
| Valve Monitoring System - Connector | 21 | Safety and Relief Vlv. Monitoring System | Readily Available | May | Test failure |
| Valve Monitoring System - Line Driver | 5 | Relief Valve Monitoring System | TBD | TBD | * |
| Valve Monitoring System - Terminal Block | 5 | Relief Valve Monitoring System | TBD | TBD | * |
| TOTAL | 48 | | | | |

* Letter dated March 27, 1985, from GPU Nuclear

OYSTER CREEK EQ DETAIL STATUS

(Qualified by Analysis Before 11/30/85)

| Component Type | Number | Plant System | Scheduled Completion | Remarks |
|---|--------|--|----------------------|---|
| Solenoid Valve General Electric | 1 | Drywell Suppression System TIP Ball Vlv. | May, 1985 | Currently under review, potential deletion from EQML. |
| Switchgear | 4 | 4160 Volt System | August, 1985 | High degree of confidence for qualification based on partial test by vendor. |
| MCC's Unit Substation Time Delay Device | 12 | 460 Volt System | July, 1985 | High degree of confidence for qualification based on partial test by vendor. |
| MCC, DC-1 | 1 | 125 Volt DC System | June, 1985 | High degree of confidence for qualification based on partial test by vendor. |
| Electrical Penetration | 1 | Common Items | April, 1985 | Test data currently exists per vendor, high degree of confidence for qualification by analysis. |
| Valve Monitoring System | 1 | Coaxial Cable | April, 1985 | High degree of confidence for qualification, based on test report. |
| TOTAL | 20 | | | |

OYSTER CREEK EQ DETAIL STATUS

(Replace During Outage)

| Component Type | Number | Plant Systems | Material Status | Engineering Status | Remarks |
|---|--------|---|--|---------------------------------------|--|
| Pressure Switches and Controllers | 5 | Core Spray and ADS | TBD | Conceptual Engineering Under Way | |
| Level Transmitters | 2 | Emergency Condenser System | Transmitters - August, 1985 Process Electronics Uncertain | Release for Construction August, 1985 | Detailed engineering under way. EQ, Appendix R, R.G. 1.97 and operational requirements issues being addressed. |
| Flow Transmitters | 2 | Core Spray and ADS | Transmitters - August, 1985 Process Electronics Uncertain | Release for Construction August, 1985 | Detailed engineering under way. EQ, Appendix R, R.G. 1.97 and operational requirements issues being addressed. |
| Flow Transmitters | 2 | Containment Spray System | Transmitters - August, 1985 Process Electronics Uncertain | Release for Construction August, 1985 | Detailed engineering under way. EQ, Appendix R, R.G. 1.97 and operational requirements issues being addressed. |
| Level Transmitters | 4 | Reactor Plant Instrument System | Transmitters - August, 1985 Process Electronics Uncertain | Release for Construction August, 1985 | Detailed engineering under way. EQ, Appendix R, R.G. 1.97 and operational requirements issues being addressed. |
| Level Transmitters Pressure Transmitters | 2 2 | Reactor Plant Instrument System- Feedwater Control | Transmitters - August, 1985 Process Electronics Uncertain | Release for Construction August, 1985 | Detailed engineering under way. EQ, Appendix R, R.G. 1.97 and operation requirements issues being addressed. |

OYSTER CREEK EQ DETAIL STATUS

(Replace During Outage)

| Component Type | Number | Plant Systems | Material Status | Engineering Status | Remarks |
|---|--------|-------------------------------|-----------------|--------------------|--|
| Valve Monitoring System Line Drivers | 16 | Safety Vlv. Monitoring System | | | licensee concluded equipment not required to be qualified* |
| Valve Monitoring System Terminal Blocks | 16 | Safety Vlv. Monitoring System | | | licensee concluded equipment not required to be qualified* |
| Rockbestos Cable | 2 | | | | Attempting to qualify cable using existing data sooner than November 30, 1985* |
| TOTAL | 53 | | | | |

* Letter dated March 27, 1985, from GPU Nuclear