

UNITED STATES NUCLEAR REGULATORY COMMISSIONGPU NUCLEAR CORPORATION ANDJERSEY CENTRAL POWER AND LIGHT COMPANYDOCKET NO. 50-219NOTICE OF ISSUANCE OF ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Provisional Operating License No. DPR-16 to GPU Nuclear Corporation and Jersey Central Power and Light Company (the licensees) for the Oyster Creek Nuclear Generating Station located in Ocean County, New Jersey.

Identification of Proposed Action: The amendment would consist of changes to the operating license and Technical Specifications (TS) and would authorize an increase of the storage capacity of the spent fuel pool (SFP) from 1800 fuel assemblies to 2600 fuel assemblies with average enrichments no greater than 3.01 weight percent U-235.

The amendment to the TS is responsive to the licensees' application dated August 20, 1982, as supplemented September 2, and December 20, 1983. The NRC staff has prepared an Environmental Assessment of the Proposed Action, "Environmental Assessment By the Office of Nuclear Reactor Regulation Relating to the Second Modification of the Spent Fuel Storage Pool, Provisional Operating License No. DPR-16, GPU Nuclear Corporation and Jersey Central Power and Light Company, Oyster Creek Nuclear Generating Station, Docket No. 50-219" dated September 13, 1984.

Summary of Environmental Assessment: The Final Generic Environmental Impact Statement (FGEIS) on Handling and Storage of Spent Light Water Power Reactor Fuel (NUREG-0575) concluded that the environmental impact of interim storage of spent fuel was negligible and the cost of the various alternatives

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reflects the advantage of continued generation of nuclear power with the accompanying spent fuel storage. Because of the differences in SFP designs, the FGEIS recommended licensing SFP expansion on a case-by-case basis.

For Oyster Creek the expansion of the storage capacity of the SFP will not create any significant additional radiological effects or measurable non-radiological environmental impacts. The additional whole body dose that might be received by an individual at the site boundary is less than 0.1 millirem per year; the estimated dose to the population within a 50-mile radius is estimated to be less than 0.1 person-rem per year. These doses are small compared to the fluctuations in the annual dose this population receives from exposure to background radiation. The occupational radiation dose to workers during the modification of the storage racks is estimated by the licensees to be 25 person-rem. This is a small fraction of the total person-rem from occupational dose at the plant. The small increase in radiation dose should not affect the licensees' ability to maintain individual occupational dose within the limits of 10 CFR Part 20, and as low as reasonably achievable.

Finding of No Significant Impact: The staff has reviewed this proposed facility modification relative to the requirements set forth in 10 CFR Part 51. Based upon the environmental assessment, the staff concluded that there are no significant radiological or non-radiological impacts associated with the proposed action and that the proposed license amendment will not have a significant effect on the quality of the human environment. Therefore, the Commission has determined, pursuant to 10 CFR 51.31, not to prepare an environmental impact statement for the proposed amendment.

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For further details with respect to this action, see (i) the application for amendment to the TS dated August 20, 1982, as supplemented September 2, and December 20, 1983, (2) the FGEIS on Handling and Storage of Spent Light Water Power Reactor Fuel (NUREG-0575), (3) the Final Environmental Statement for Oyster Creek issued December 1974, and (4) the Environmental Assessment dated September 13, 1984 . These documents are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., 20555 and at the Oyster Creek Local Public Document Room, 101 Washington Street, Toms River, New Jersey 08753.

Dated at Bethesda, Maryland, this 13 day of September 1984.

FOR THE NUCLEAR REGULATORY COMMISSION



Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

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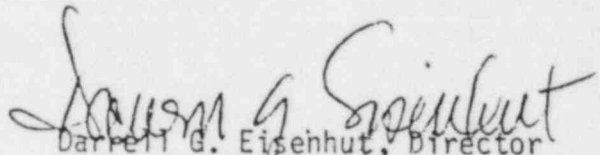
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