



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JAN 19 1988

Docket No. 50-293

MEMORANDUM FOR:

Project Directorate 1-3
Division of Reactor Projects I/II

FROM:

John W. Craig, Chief
Plant Systems Branch
Division of Engineering and Systems Technology

SUBJECT:

SOLID RADWASTE PROCESS CONTROL PROGRAM FOR PILGRIM
NUCLEAR POWER STATION (TAC NO. 63011)

Plant Name: Pilgrim Nuclear Power Station
Licensee: Boston Edison Company
Docket No.: 50-293
Review Status: Complete

In their submittal dated May 14, 1985, Boston Edison Company requested changes to the Pilgrim Technical Specifications. The proposed technical specification changes updated those portions addressing radioactive waste management in order to make them consistent with the current staff positions as expressed in NUREG-0473. The licensee stated in the submittal that the methods used to accomplish the processing and packaging of solid radioactive waste are addressed by plant procedures rather than providing a Process Control Program as defined in the Standard Technical Specifications (STS).

Previously, the staff accepted this exception from the STS in a safety evaluation forwarded to Gus Lainas from Daniel Muller by memorandum dated June 24, 1985. Subsequently, Plant Systems Branch was requested to review the appropriate plant procedures to ensure that they meet the intent of a Process Control Program.

In response to this request, on October 7 and 8, 1987, the staff met with the licensee at the Pilgrim site in order to review the following plant operating procedures that incorporate the intent of the PCP:

- (1) Procedure No. 6.9-193-1, Rev. 3 dated January 21, 1981, "Classification of Radwaste - 10 CFR Part 61"
- (2) Procedure 6.9-211, Rev. 0, dated January 16, 1987, "10 CFR Part 61 Sampling"
- (3) Procedure 6.0-160, Rev. 2, dated April 23, 1987, "Shipment of Radioactive Wastes"
- (4) Procedure 6.9-174, Rev. 3, dated July 3, 1987, "Packaging dry Radioactive Waste"
- (5) Procedure 6.9-186, Rev 2, dated May 11, 1987, "High Integrity Containers"

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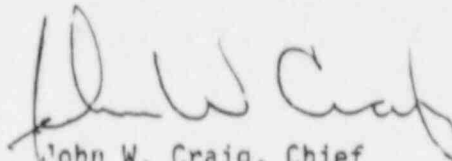
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- (6) Procedure 6.9-188, Rev. 2 dated June 5, 1987, "Dewatering Bead Resin"
- (7) Procedure 6.9-190, Rev. 2, dated June 5, 1987, "Dewatering Powdex Resin"

Based on our review of the above procedures, we find that they meet (1) the intent of Pilgrim TS Section 6.8, (2) the current NRC guidelines delineated in SRP Section 11.4 and therefore, are acceptable for use when processing and packaging solid waste.

It should be noted that the acceptability of the procedurally addressed PCP is based on currently available guidelines. Revised PCP guidelines incorporating the requirements of 10 CFR 61 are scheduled to be available in the near future. The need for subsequent revisions to procedures and staff review will be indicated at that time.



John W. Craig, Chief
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Enclosures:
As Stated

cc w/enclosures:
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