

PROCESS CONTROL PROGRAM

A. INTRODUCTION

The Point Beach Nuclear Plant's Process Control Program contains the current formula, sampling, analyses, tests and determinations to be made which will ensure that the processing and packaging of solid radioactive wastes will be accomplished in such a way as to assure compliance with state and federal regulations (including 10 CFR 20, 10 CFR 61, and 10 CFR 71) governing the disposal of radioactive waste.

B. PROCESS CONTROL PROGRAM CONTENTS

The PCP consists of plant procedures pertaining to radioactive waste processing and handling including Chemistry & Health Physics Radioactive Radwaste Handling (RDW'S), Operations' Operating Procedures (OP's), Operating Instructions (OI's), Refueling Procedures (RP's), and Vendor Procedures (VP's). The specific procedures comprising the PCP (showing procedure number, title and type) are listed in Section D.

C. PCP PROCEDURE REVIEW

All procedures of the Point Beach Process Control Program shall be approved in accordance with PBNP 2.1.1, "Classification, Review & Approval of Procedures."

D. LIST OF PCP PROCEDURES

<u>Number</u>	<u>Name</u>	<u>Type</u>
OP-9A	Liquid Waste Process System Operation	Major
OP-9B	Solid Waste Processing	Major
OI-16	Blowdown Evaporator Operation	Minor
OI-19	Spent Fuel Pit Demineralizer Resin Flush and Recharge(U6)	Minor
OI-20	Resin Transfer Cask and Resin Storage Tank (T112)	Minor
OI-21	Mixed Bed (HOH) Demineralizer Resin Flush and Recharge (1U1A, B) & (2U1A, B)	Minor
OI-22	Changing Primary Coolant Micron Filters	Minor
OI-22A	Changing Reactor Coolant Micron Filter (F1)	Minor
OI-22B	Changing Seal Water Return Filter (F2)	Minor
OI-22C	Changing Spent Fuel Pit Filter (F6)	Minor
OI-22D	Changing Seal Water Injection Filters (F39A, B)	Minor
OI-22E	Changing Letdown Gas Stripper Filters (F60A, B)	Minor
OI-22F	Changing Boric Acid Filter (F3)	Minor
OI-22G	Changing Boric Acid Feed Filters (1F8) & (2F8)	Minor
OI-22H	Changing Boric Acid Concentrates Filters (1F5A, B) & (2F5)	Minor
OI-24	Evaporator Feed Ion Exchanger Resin Flush and Recharge (1U12A, B, C) & (2U12)	Minor
OI-26	Deborating Demineralizer Resin Flush and Recharge (1U2A, B) & (2U2A, B)	Minor

<u>Number</u>	<u>Name</u>	<u>Type</u>
OI-27	Cation Bed Demineralizer Resin Flush & Recharge (1U9) & (2U9)	Minor
OI-28	Condensate Demineralizer Resin Flush & Recharge (U3A, B, C)	Minor
OI-29	Waste Polishing Demineralizer Resin Flush & Recharge (T108A, B)	Minor
OI-67	Operation of the AMF Waste Evaporator & Waste Condensate System	Minor
RP-5B	NL14 Spent Fuel Shipping Cask Handling & Unloading	Major
RDW 1.1	Control & Accountability of Radioactive Material	NNSR
RDW 2.1	Radioactive Material Handling Responsibilities	NNSR
RDW 3.1	Radioactive Waste Disposal	Minor
RDW 3.2	Disposal of Radioactive Waste in 55 Gallon Drums	Minor
RDW 3.3	Procedure to Absorb Oil With Hi Dri for Shipment to Richland, Washington, Burial Site	Minor
RDW 3.4	Xylene-Based Scintillation Fluid Packaging & Disposal	Minor
RDW 3.5	Steam Generator Sludge Lance Filter Disposal	Minor
RDW 3.6	Preparation of Radwaste Liners for Filling, Storage and Shipment	Minor
RDW 3.6.1	Transfer of Resin Between Liners	Minor
RDW 3.7	Preparation of Radwaste Wood Boxes	Minor
RDW 3.8	Procedure to Determine Radioactive Waste Classification	Minor
RDW 3.9	Procedure to Decontaminate Oil	Minor
RDW 4.1	Receipt of Radioactive Material	Minor
RDW 5.1	Radioactive Material Shipments - General	Minor
RDW 5.2	Shipment of Limited Quantities of Radioactive Materials	Minor
RDW 5.3	Shipment of Low Specific Activity Radioactive Materials 49 CFR 173.425 & 10 CFR 71.52	Minor
RDW 5.4	Shipment of Radioactive Material in Type A, Type B & Highway Route Controlled Quantities	Minor
RDW 5.5	Shipment of Empty Spent Fuel Casks & Spent Fuel	Minor
RDW 5.6	Marking and Labeling Requirements for Shipments of Radioactive Material Packages	Minor
RDW 5.7	Vehicle Loading, Surveys and Placarding Procedures for Shipments of Radioactive Material	Minor
RDW 5.8	Shipment Scheduling and Shipping Paper Preparation for Radioactive Material Shipments (49CFR172, Part C)	Minor
RDW 5.9	Documentation of Radioactive Material Shipping Package Inspection, Certification & Safety Analysis (49CFR173.24)	Minor
RDW 5.10	Selecting Packages for Radioactive Material Shipments	Minor

<u>Number</u>	<u>Name</u>	<u>Type</u>
CNSI FO-AD-002	Operating Guidline for use of Polyethylene High Integrity Containers	Vendor
CNSI FO-OP-003	Dewatering Procedure for CNSI Conical Bottom High Integrity Container	Vendor
CNSI FO-OP-012	Powdex Resin Dewatering Procedure for CNS Carbon Steel and High Integrity Containers	Vendor
CNSI-FO-OP-015	Operating Procedure for Resin Transfer and Dewatering of Bead Type Resins	Vendor
CNSI-FO-OP-022	Ecodex Precoat, Powdex, Diatomaceous Earth Dewatering Procedure for CNS 14-195 or Smaller Liners	Vendor
CNSI-FO-OP-023	Bead Dewatering Procedure for CNS 14-195 or Smaller Liners	Vendor
CNSI-SD-OP-003	Process Control Program for CNSI Cement Solidification Units	Vendor
CNSI-WF-C-01-NP	Waste Form Certification-Cement	Vendor
HNDC-TS-13000	Field Assembly & Operating Procedure for Flexicon Cement Feed System	Vendor
HNDC-TS-14000	Liner Loading Procedure	Vendor
HNDC-TS-16000	Resin Solidification Procedure	Vendor
HNDC-TS-17000	Mixer Head Drive Assembly Mounting Procedure	Vendor
HNDC-TS-19000	Field Assembly & Operating Procedure for Mixer Head Drive Assembly	Vendor
HNDC-TS-25000	Dewatering Pump Skid Operating Procedure	Vendor
STD-D-04-002	Grit Separation, Storage & Transfer System Assembly	Vendor
STD-P-05-016	Grout Injection Procedure	Vendor
STD-P-05-017	Grit Sluicing Procedure	Vendor
STD-O-05-018	Process Control Program for Incontainer Solidification of Magnetite Grit	Vendor