

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
PROCESS CONTROL PROGRAM

1.0 PURPOSE

The purpose of the Oconee Nuclear Station Process Control Program is to insure all requirements of the DPC Corporate Process Control Program have been met for each container of solidified or dewatered radioactive waste shipped for burial at a licensed burial facility. This PCP is applicable only to the solidification or dewatering of liquid or wet solid radioactive waste.

2.0 COMPOSITION

2.1 The Oconee Nuclear Station Process Control Program shall consist of:

- 2.1.1 The Duke Power Company Process Control Manual Introduction (Section I).
- 2.1.2 The Duke Power Company Corporate Process Control Program.
- 2.1.3 A list of all station-specific procedures that implement the requirements of the Corporate Process Control Program.
- 2.1.4 Oconee Nuclear Station diagrams or drawings or drawing numbers showing all connections between ONS radwaste systems and solidifications and dewatering equipment.
- 2.1.5 Documentation of NRC approval of the initial Oconee Nuclear Station Process Control Program.
- 2.1.6 Documentation of System Radwaste Engineer and ONS Technical Services Superintendent approval of all changes to the Corporate Process Control Program.
- 2.1.7 Documentation that all changes to the Corporate and/or ONS Process Control Program were sent to the NRC in the Semi-Annual Radioactive Effluent Report.

3.0 EXCEPTIONS

3.1 The Oconee Nuclear Station Process Control Program takes the following exceptions with the DPC Corporate Process Control Program:

- 3.1.1 For Corporate PCP section 2.1.2, station review and station Technical Services Superintendent approval are not required. Corporate review and approval of vendor solidification services are sufficient.
- 3.1.2 For Corporate PCP section 3.1.2, station review and station Technical Services Superintendent approval are not required. Corporate review and approval of vendor dewatering services are sufficient.

SECTION 2.1.1

Implementing Procedures

CP/1&2/B/5009/03	"Unit 1 and 2 Spent Resin Storage Tank (SRST) Resin Transfer to Disposable Liners"
CP/O/B/5100/03	"Connection of the PBT to Resin Sluicing and Decanting Pumps"
CP/O/B/5100/09	"Connection of the Radwaste Demineralizer System to the Liquid Waste System"
CP/O/B/5200/07	"Concentrate Storage Tank Recirculation and Transfer to the 121 Mobile Solidification Unit"
CP/O/B/5400/01	"CNSI Procedure for Dewatering of Ecodex Precoat/Powdex/Diatomaceous Earth in CNSI 14-195 or Smaller Liners"
CP/O/B/5400/02	"Bead Dewatering Procedure for CNSI 14-195 or Smaller Liners"
CP/O/B/5400/03	"Operating Guidelines for the use of CNSI High Integrity Containers"
CP/O/B/5400/04	"Handling Procedure for CNSI High Integrity Overpack Containers"
CP/O/B/5400/05	"Operating Procedure for the Mobile Cement Solidification Unit # 121"
CP/O/B/5400/06	"Assembly and Disassembly Procedure for the Mobile Cement Solidification Unit # 121"
CP/O/B/5400/07	"PCP for CNSI Solidification Unit"
CP/O/B/5400/08	"PCP for CNSI Acid Solidification"
CP/O/B/5400/09	"PCP for CNSI Cement/Oil Solidification"
CP/O/B/5400/10	"Dewatering Procedure for CNSI 24" Diameter Vessels Containing Activated Carbon and Ion Exchange Resins"
HP/O/B/1006/01/A	"Procedure for the Preparation and Shipment of Radioactive Waste"

SECTION 2.1.2

Drawing Index

All system interfaces are shown on diagrams in the applicable station procedure

DUKE POWER COMPANY
PCP REVISION APPROVAL

Revised PCP Section:

Corporate PCP, Rev 1
ONS PCP, Rev 2
MNS PCP, Rev
CNS PCP, Rev

This revision has been reviewed against Technical Specifications and applicable NRC guidance documents and found to be acceptable.

General Office Review

By: H. J. Dameron

Title: Assoc. N.P.

Date: 8-14-85

Station Review

By: A. J. Hamish / R. W. Elliott

Title: Asst. Eng / Tech Spec.

Date: 8-15-85 / 09-03-85

This revision is approved for use at Oconee Nuclear Station.

Mary L. Burt
System Radwaste Engineer

Date: 8/14/85

T. S. Barr / RAK
Oconee Technical Services
Superintendent
Date: 9-5-85

M. J. Tuckman
Oconee Station Manager

Date: 9/8/85