DUKE POWER COMPANY
PCP REVISION APPROVAL

Revised PCP Section:

Corporate PCP, Rev. _____
ONS PCP, Rev _____
MNS PCP, Rev. 13
CNS PCP, Rev. _____

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

Prepared By: Edward J. Haack

Title: Senior Engineer
Nuclear Chemistry

Date: 4/8/96

General Office Review

By: Mary Vaught

Title: Engineer Radiation Prot.

Date: 4-10-96

Station Review

By: Chris R Carpenter

Title: Scientist

Date: 4-16-96

This revision is approved for use at McGuire Nuclear Station.

P.W. Bowing
Technical Manager, Nuclear Chemistry

Date: 4/22/96

McGuire Chemistry Manager

Date: 4-18-96

McGuire Station Manager

Date: 4-18-96

DUKE POWER COMPANY

MCGUIRE NUCLEAR STATION

PROCESS CONTROL PROGRAM

1.0 PURPOSE

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

2.0 COMPOSITION

2.1 The McGuire Nuclear Station **PROCESS CONTROL PROGRAM** shall consist of:

2.1.1 The Duke Power Company Corporate Process Control Program.

2.1.2 A list of all station-specific procedures that implement the requirements of the Corporate Process Control Program.

2.1.3 McGuire Nuclear Station diagrams, drawings or drawing numbers showing interfaces between MNS radwaste systems and solidifications and dewatering equipment.

2.1.4 Documentation of G.O. Nuclear Chemistry, MNS Chemistry Manager and MNS Station Manager approval of changes to the Process Control Program.

3.0 EXCEPTIONS

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

3.1.1 For Corporate PCP Section 3.1.3, station review and station approval are not required. Corporate review and approval of vendor solidification and dewatering services are sufficient.

DUKE POWER COMPANY

PROCESS CONTROL PROGRAM

SECTION 2.1.2

IMPLEMENTING PROCEDURES

Laboratory Method 185	"Spent Resin Handling"
CP/0/B/8600/11	"Sampling Batching Tank and Resin Sample Preparation"
HP/0/B/1004/04	"Preparation and Shipment of Mechanical Radwaste Materials"
HP/0/B/1004/09	"Preparation and Shipment of Processed Radwaste Materials"
HP/0/B/1004/12	"Utilization of Polyethylene High Integrity Overpacks"
HP/0/B/1004/14	"Preparation and Shipment of Dewatered Resins"
OP/0/A/6200/32	"Solid Waste System Operation"
OP/0/B/6200/37	"Contaminated Oil Storage Tank Operation"
OP/0/B/6200/64	"Transfer and Dewatering Bead Resin"
OP/0/B/6200/65	"Transfer of Powdex to a Disposable Liner"
OP/0/B/6200/68	"Process Control Program for CNSI Cement Solidification Units"
OP/0/B/6200/84	"Solidification of Grit Waste"
OP/0/B/6200/88	"Transfer Solidification and Shipment of Aqueous Wastes"
OP/1/B/6250/09	"Unit 1 Condensate Polishing Demineralizer Operation"
OP/2/B/6250/09	"Unit 2 Condensate Polishing Demineralizer Operation"

MCGUIRE NUCLEAR STATION
PROCESS CONTROL PROGRAM

SECTION 2.1.3

DRAWING INDEX

Plant Interfaces: MC-1100-01.02
MC-1566-1.0
MC-1566-1.1
MC-1566-2.0
MC-1566-3.0
MC-1590-1.3
MC-1604-1.1

All portable system interfaces are shown on diagrams or described in the applicable station procedure.

DUKE POWER COMPANY
PROCESS CONTROL PROGRAM
SECTION 2.1.2

CP/0/B/8300/20 Radwaste Chemistry Procedure for Handling of Laboratory Quantities of Spent Resin is now a **Laboratory Method 185 Spent Resin Handling**

CP/0/B/8600/11 Radwaste Chemistry Procedure for Sampling Evaporator Concentrates and Resin (Isolock Sampler) is now **Sampling Batching Tank and Resin Sample Preparation**

OP/0/B/6700/13 Radwaste Procedure for the Transfer, Deatering and Shipment of Steam Generator Blowdown Demineralizer Bead Resin **does not exist.**

CP/0/B/8700/16 Chemistry Procedure For The Solidification Of Radioactive Mercuric Waste Generated by Chloride Analysis **does not exist.**

OP/0/B/6200/32 Radwaste Procedure For The Nuclear Solid Waste (WS) Disposal System Operation is now **Solid Waste System Operation.**

OP/0/B/6200/37 Radwaste Procedure for Contaminated Oil Storage Tank Operation is now **Contaminated Oil Storage Tank Operation.**

OP/0/B/6200/64 Radwaste Chemistry Procedure for Transfer, Dewatering and Shipment of Bead Resin is now **Transfer and Dewatering Bead Resin.**

OP/0/B/6200/65 Radwaste Chemistry Procedure for Transfer, Dewatering and Shipment of Powdex Resin now belongs to Secondary Chemistry and is titled **Transfer of Powdex to a Disposable Liner.**

OP/0/B/6200/63 Radwaste Chemistry Procedure for Dewatering and Shipment of Vendor Demineralizers and Filters **does not exist.**

OP/0/B/6200/84 Chemistry Procedure for the Solidification of Grit Waste Generated by the Wet Grit Blast Decon Unit is now **Solidification of Grit Waste.**

OP/0/B/6200/85 Chemistry Procedure for Operating, Dewatering and Shipping Liners Filled with Powdered Media and/or Bead Resin **does not exist.**

OP/0/B/6250/09 Condensate Polishing Demineralizer Operation is now 2 procedures:
OP/1/B/6250/13 Unit 1 Condensate Polishing Demineralizer Operation
OP/2/B/6250/13 Unit 2 Condensate Polishing Demineralizer Operation.