DUKE POWER COMPANY

MCGUIRE NUCLEAR STATION

PROCESS CONTROL PROGRAM

1.0 PURPOSE

The purpose of the McGuire 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 McGuire 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 McGuire Nuclear Station diagrams or drawings or drawing numbers showing all connections between radwaste systems and solidifications and dewatering equipment.

2.1.5 Documentation of NRC approval of the initial McGuire Nuclear Station Process Control Program.

2.1.6 Documentation of System Radwaste Engineer, MNS Technical Services Superintendent, and MNS Station Manager approval of all changes to the Corporate Process Control Program.

2.1.7 Documentation that all changes to the Corporate and/or MNS Process Control Program were sent to the NRC in the Semi-Annual Radioactive Effluent Report.

SECTION 2.1.1

Implementing Procedures

CP/O/B/8300/20	"Radwaste Chemistry Procedure for Handling of Laboratory Quantities of Spent Resin"
CP/O/B/8400/31	"Chemistry Procedure for the Addition of Chemicals to the Evaporator Concentrates Storage Tank (ECST) and the Evaporator Concentrates Batch Tank (ECBT)"
CP/O/B/8600/11	"Radwaste Chemistry Procedure for Sampling Evaporator Concentrates and Resin (Isolock Sampler)"
HP/O/B/1004/04	"Preparation and Shipment of Mechanical Radwaste Filter Media"
HP/O/B/1004/09	"Preparation and Shipment of Processed Radwaste Materials"
HP/O/B/1004/12	"Utilization of Polyethyleve High Integrity Overpacks"
HP/O/B/1004/14	"Preparation and Shipment of Dewatered Resins"
OP/O/B/6200/32	"Radwaste Procedure for the Nuclear Solid Waste (WS) Disposal System Operation"
OP/O/B/6200/37	"Radwaste Procedure for Binder Storage Tank Operation"
OP/O/B/6200/53	"Radwaste Chemistry Procedure for Transfer, Solidification and Preparation for Shipment"
OP/O/B/6200/64	"Radwaste Chemistry Procedure for Transfer, Dewatering and Shipment of Bead Resin"
OP/O/B/6200/65	"Radwaste Chemistry Procedure for Transfer, Dewatering and Shipment of Powdex Resin"
OP/O/B/6200/66	"Radwaste Chemistry Procedure for Dewatering and Shipment of Vendor demineralizers and Filters"
OP/O/B/6250/09	"Condensate Polishing Demineralizer Operation"

SECTION 2.1.2

Drawing Index

Plant Interfaces: MC-1100-01.02
MC-1423-19.32-02
MC-1566-1.0
MC-1566-1.1
MC-1566-2.0
MC-1566-3.0
MC-1590-1.3
MC-1604-1.1

DUKE POWER COMPANY
PCP REVISION APPROVAL

Revised PCP Section:

Corporate PCP, Rev 1
ONS PCP, Rev ___
MNS PCP, Rev 4
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: N. J. Dameron

Title: Assoc. H.P.

Date: 8-14-85

Station Review

By: Chris R Carpenter / Daniel C. Britt

Title: Radwaste Supervisor / HP Supervisor

Date: 8-22-85 / 9/5/85

This revision is approved for use at McGuire Nuclear Station.

Mary L. Britt
System Radwaste Engineer
Date: 8/14/85

Bruce Hamilton
McGuire Technical Services Superintendent
Date: 9/9/85

Tony L. McConnell
McGuire Station Manager
Date: 9/10/85