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A Duke Energy Company

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M. S. Tuckman
Executive Vice President
Nuclear Generation

June 1, 2000

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Duke Energy Corporation
McGuire Nuclear Station Units 1 and 2
Docket Nos. 50-369, 50-370
Process Control Program Manual

Please find attached 6 copies of Revision 15 to the Duke Power Company McGuire (MNS) Nuclear Station Process Control Program (PCP) Manual. These copies are provided for manual numbers 26, 27, 28, 29, 30, and 31.

By copy of this letter, Revision 15 is also being provided to Region II for manual number 22.

If you have any questions, please contact L. B. Jones at (704) 382-4753.

Very truly yours,

M. S. Tuckman

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Attachments:

xc: Mr. L. A. Reyes, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
Atlanta, GA 30303

w/o attachments

Mr. F. Rinaldi, Project Manager, MNS, ONRR
S. M. Shaeffer, Sr. Res. Inspector, MNS

A001

bxc: w/o attachments

M. T. Cash - MG01RC
C. J. Thomas - EC05O
D. L. Vaught - EC07D

with attachments

NSRB
L. B. Jones
File ELL

March 22, 2000

Memorandum to File

SUBJECT: MCGUIRE NUCLEAR STATION
PROCESS CONTROL PROGRAM
Revision 15 Summary
FILE No: GS-760.00

Attachment: Duke Power Co. PCP
CHAPTER IV.
McGuire Nuclear Station
Process Control Program (Revision 15)

The following is a summary of the changes to the attached McGuire Nuclear Station (MNS) Process Control Program (PCP). This is revision 15 to the MNS PCP. This summary lists the portion of the PCP that was changed and provides an explanation of what was changed. The MNS PCP is the fourth chapter in the Duke Power Process Control Program.

Formatting changes to Chapter IV. McGuire PCP, of the DPCo PCP:

1. The format of the document was updated to the current version of Microsoft Office Word 97
2. The format was changed to reflect applicable guidance in the DPCo Procedure Writer's Manual including the following:
   - Font
   - Procedure numbers
3. The DPCo PCP Chapter number was added to the page headers
4. The page numbers in the page footers were changed to reflect the chapter number and the total number of pages in the MNS PCP

Sections of Chapter IV. McGuire PCP, of the DPCo PCP that were changed:

1. SECTION 2. COMPOSITION
   - Titles for approving managers were updated to be current & consistent for all three sites' PCPs.
2. Changes to SECTION 2.1.2 "Implementing Procedures" included the following:

- Removed deleted procedure: **CP/O/B/8300/020 "Radwaste Chemistry Procedure for Handling of Laboratory Quantities of Spent Resin"**
- Added **CP/0/B/8300/022 "Handling of Laboratory Quantities of Spent Resin"**
- Removed **OP/0/B/6200/037 "Contaminated Oil Storage Tank Operation"** because it does not involve any PCP related activities. This procedure is limited to preparation of oil for burning, not for radioactive disposal.

3. The subtitle **"SECTION 2.1.4"** was added to the title of the approval documentation page since it is identified in the COMPOSITION Section in the same manner as the other sections which are numbered accordingly

For additional information about these changes, please contact David L. Vaught @ 373-5302 or via Email address dlvaught@duke-energy.com.

David L. Vaught

Sr. Engineer
Nuclear Chemistry
Radwaste Support

DUKE POWER COMPANY PCP

CHAPTER IV.
MCGUIRE NUCLEAR STATION
PROCESS CONTROL PROGRAM

1. 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. 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 solidification and dewatering equipment

2.1.4. Documentation of Technical Manager Nuclear Chemistry, McGuire Chemistry Manager and McGuire Station Manager approval of changes to the Process Control Program.

3. 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 PCP

CHAPTER IV.
MCGUIRE NUCLEAR STATION
PROCESS CONTROL PROGRAM

SECTION 2.1.2
Implementing Procedures

CP/0/B/8300/022	"Handling of Laboratory Quantities of Spent Resin"
CP/0/B/8600/011	"Sampling Batching Tank and Resin Sample Preparation"
SH/0/B/2004/002	"Preparation and Shipment of Radioactive Waste"
HP/0/B/1004/012	"Utilization of Polyethylene High Integrity Overpacks"
OP/0/A/6200/032	"Solid Waste System Operation
OP/0/B/6200/064	"Transfer and Dewatering Bead Resin"
OP/0/B/6200/065	"Transfer of Powdex to a Disposable Liner"
OP/0/B/6200/068	"Process Control Program for CNSI Cement Solidification Units"
OP/0/B/6200/084	"Solidification of Grit Waste"
OP/0/B/6200/094	"Transfer and Dewatering Radwaste Media - Radlok High Integrity Containers"
OP/1/B/6200/102	"Unit 1 CM Backwash Tank Operation"
OP/2/B/6200/102	"Unit 2 CM Backwash Tank Operation"
OP/1/B/6200/104	"Unit 1 Operating, Dewatering, and Shipping Liners Filled with Powdered Media and/or Bead Resin"
OP/2/B/6200/104	"Unit 2 Operating, Dewatering, and Shipping Liners Filled with Powdered Media and/or Bead Resin"
OP/1/B/6700/016	"Operating Unit 1 Steam Generator Blowdown Demineralizers"
OP/2/B/6700/016	"Operating Unit 2 Steam Generator Blowdown Demineralizers"

DUKE POWER COMPANY PCP

CHAPTER IV.
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 system interfaces are shown on diagrams or described in the applicable station procedure.

DUKE POWER COMPANY PCP

CHAPTER IV.
MCGUIRE NUCLEAR STATION
PROCESS CONTROL PROGRAM

SECTION 2.1.4
Approvals

Revised PCP Chapters:

Chapter II	Corporate PCP,	Rev.	_____
Chapter III	ONS PCP,	Rev.	_____
Chapter IV	MNS PCP,	Rev.	15
Chapter V	CNS PCP,	Rev.	_____

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

Prepared By: David L. Vaught

Title: Sr. Engineer
Nuclear Chemistry

Date: 3/22/00

General Office Review

By: Robert A. Martin

Title: Engineer

Date: 3/27/00

Station Review

By: Don Cline

Title: Chemistry General Supervisor

Date: 4/6/00

This revision is approved for use at McGuire Nuclear Station.

P.W. Bensing
Technical Manager, Nuclear Chemistry

Date: 3/30/00

James E. Lowe
McGuire Chemistry Manager

Date: 4-11-00

McGuire Station Manager

Date: 4-12-00