



**Duke Power Company**

*A Duke Energy Company*

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526 South Church Street  
P.O. Box 1006  
Charlotte, NC 28201-1006

**M. S. Tuckman**  
*Executive Vice President  
Nuclear Generation*

(704) 382-2200 OFFICE  
(704) 382-4360 FAX

July 27, 2000

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

Subject: Duke Energy Corporation  
Catawba Nuclear Station Units 1 and 2  
Docket Nos. 50-413 and 50-414  
Process Control Program (PCP) Manual

Please find attached 6 copies of Revision 9 to the Duke Power Company Catawba Nuclear Station (CNS) Process Control Program (PCP) Manual. These copies are provided for manual numbers 26, 27, 28, 29, 30, and 31. Please discard all pages behind the Chapter "V. CATAWBA PCP" tab in the PCP Manual and replace with the attached pages for each manual.

By copy of this letter, Revision 9 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

Attachments:

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

w/o attachments

Mr. C. P. Patel, Project Manager, CNS, ONRR  
Mr. D. J. Roberts, Sr. Res. Inspector, CNS

AC001

March 22, 2000

**Memorandum to File**

**SUBJECT: CATAWBA NUCLEAR STATION  
PROCESS CONTROL PROGRAM  
Revision 9 Summary  
FILE No: GS-760.00**

Attachment: Duke Power Co PCP  
CHAPTER V.  
Catawba Nuclear Station  
Process Control Program (Revision 9)

The following is a summary of the changes to the attached Catawba Nuclear Station (CNS) Process Control Program (PCP). This is revision 9 to the CNS PCP. This summary lists the portion of the PCP that was changed and provides an explanation of what was changed. The CNS PCP is the fifth chapter of the Duke Power Process Control Program.

Formatting changes to Chapter V 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
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Sections of Chapter V, CNS 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. SECTION 2.1.2 Implementing Procedures

- Removed the following deleted procedures:
    - \* **HP/O/B/1006/09 "Shipment of Radioactive Filters and Filter Media"**
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3. The section number & subtitle **"SECTION 2.1.4 Approvals"** 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 and titled accordingly

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



David L. Vaught

Sr. Engineer  
Nuclear Chemistry  
Radwaste Support

# **DUKE POWER COMPANY PCP**

## **CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM**

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## CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM

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## **CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM**

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Plant Interfaces:      CN-1566-1.6  
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All system interfaces are shown on diagrams or described in the applicable station procedure.

# DUKE POWER COMPANY PCP

## CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM

### SECTION 2.1.4

#### Approvals

Revised PCP Chapter:

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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: 3/21/00

General Office Review

By: Robert A. Martin

Title: Engineer

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Title: Sr. Engineer  
Nuclear Chemistry

Date: 3/21/00

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## CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM

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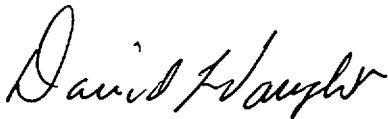
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Catawba Nuclear Station  
Process Control Program (Revision 9)

The following is a summary of the changes to the attached Catawba Nuclear Station (CNS) Process Control Program (PCP). This is revision 9 to the CNS PCP. This summary lists the portion of the PCP that was changed and provides an explanation of what was changed. The CNS PCP is the fifth chapter of the Duke Power Process Control Program.

Formatting changes to Chapter V 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 CNS PCP

Sections of Chapter V, CNS 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. SECTION 2.1.2 Implementing Procedures

- Removed the following deleted procedures:
    - \* **HP/O/B/1006/09 "Shipment of Radioactive Filters and Filter Media"**
    - \* **HP/O/B/1006/10 "Shipment of Solidified Radwaste"**
    - \* **HP/O/B/1006/12 "Shipment of Dewatered Resins"**
    - \* **HP/O/B/1006/13 "Determination of the Waste Classification for Radioactive Waste Offered for Shallow Land Burial"**
    - \* **HP/O/B/1006/15 "Handling and Packaging of Radwaste Filters and Filters Medias"**
  - Updated procedure number for procedure **OP/O/A/6250/16 "Operating Procedure for the, Condensate Polishing Demineralizer Backwash Tank Subsystem"** to **OP/1(2)/A/6250/016**.
  - Added RP procedure **SH/0/B/2004/002 "Preparation and Shipment of Radioactive Waste"** which replaced the deleted HP procedures.
  - Corrected typo in procedure number for the procedure entitled **"Chemistry Operating Procedure for Monitor Tank Building (MTB) Ion Exchange and Filtration Media Operations"** from **OP/O/B/6500/09** to **OP/O/B/6500/069**.
3. The section number & subtitle **"SECTION 2.1.4 Approvals"** 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 and titled accordingly

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



David L. Vaught

Sr. Engineer  
Nuclear Chemistry  
Radwaste Support

# **DUKE POWER COMPANY PCP**

## **CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM**

### **1. PURPOSE**

The purpose of the Catawba 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 disposal facility. The PCP is applicable only to the solidification or dewatering of liquid or wet solid radioactive waste.

### **2. COMPOSITION**

2.1. The Catawba 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. Catawba Nuclear Station diagrams, drawings or drawing numbers showing interfaces between CNS radwaste systems and solidification and dewatering equipment.

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

### **3. EXCEPTIONS**

3.1. The Catawba 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 approval are not required. Corporate review and approval of vendor solidification and dewatering services are sufficient.

# DUKE POWER COMPANY PCP

## CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM

### SECTION 2.1.2 Implementing Procedures

- OP/1(2)/A/6250/016 "Operating Procedure for the, Condensate Polishing Demineralizer Backwash Tank Subsystem"
- OP/0/B/6500/013 "Operating Procedure for the Nuclear Solid Waste (WS) Disposal System"
- OP/0/B/6500/046 "Radwaste Operating Procedure for Solidification and Dewatering of Radioactive Waste"
- OP/1(2)/B/6500/053 "Radwaste Chemistry Operating Procedure for Dewatering Contaminated Secondary Resins"
- OP/0/B/6500/069 "Chemistry Operating Procedure for Monitor Tank Building (MTB) Ion Exchange and Filtration Media Operations"
- OP/0/B/6500/072 "Operating Procedure for Filter HIC Operations"
- SH/0/B/2004/002 "Preparation and Shipment of Radioactive Waste"

# **DUKE POWER COMPANY PCP**

## **CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM**

### **SECTION 2.1.3 Drawing Index**

Plant Interfaces:      CN-1566-1.6  
                                 CN-1565-3.2

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

# DUKE POWER COMPANY PCP

## CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM

### SECTION 2.1.4

#### Approvals

Revised PCP Chapter:

|             |               |      |          |
|-------------|---------------|------|----------|
| Chapter II  | Corporate PCP | Rev. | _____    |
| Chapter III | ONS PCP       | Rev. | _____    |
| Chapter IV  | MNS PCP       | Rev. | _____    |
| Chapter V   | CNS PCP       | Rev. | <u>9</u> |

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: 3/21/00

General Office Review

By: Robert A. Martin

Title: Engineer

Date: 3/27/00

Station Review

By: C. Doug Williams

Title: General Supervisor

Date: 4/18/00

This revision is approved for use at Catawba Nuclear Station.

P.W. Dunning  
Technical Manager, Nuclear Chemistry

Date: 3/30/00

[Signature]  
Catawba Chemistry Manager

Date: 6/26/00

R.M. Allen for L.A. Jones  
Catawba Station Manager

Date: 6/27/00

**March 22, 2000**

**Memorandum to File**

**SUBJECT: CATAWBA NUCLEAR STATION  
PROCESS CONTROL PROGRAM  
Revision 9 Summary  
FILE No: GS-760.00**

Attachment: Duke Power Co PCP  
CHAPTER V.  
Catawba Nuclear Station  
Process Control Program (Revision 9)

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# **DUKE POWER COMPANY PCP**

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# DUKE POWER COMPANY PCP

## CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM

### SECTION 2.1.2 Implementing Procedures

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# **DUKE POWER COMPANY PCP**

## **CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM**

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# DUKE POWER COMPANY PCP

## CHAPTER V. CATAWBA NUCLEAR STATION PROCESS CONTROL PROGRAM

### SECTION 2.1.4

#### Approvals

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| Chapter IV  | MNS PCP       | Rev. | _____    |
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