

DUKE POWER COMPANY
PROCEDURE MAJOR CHANGE
PROCESS RECORD

(1) ID No: 07/Q/A/0100/05
Change No: 4
Permanent/Restricted To

- (2) STATION: CATAWBA
- (3) PROCEDURE TITLE: CHEMISTRY PROCEDURE FOR THE
DETERMINATION OF CHLORIDE (MANUAL METHOD)
- (4) SECTION(S) OF PROCEDURE AFFECTED: 32
- (5) DESCRIPTION OF CHANGE: (Attach additional pages, if necessary.)
addition - The filtering should be done with glass
filters and repeated before each chloride determination.
- (6) REASON FOR CHANGE:

- (7) PREPARED BY: Bryan McNeill DATE: 12-13-83
- (8) SAFETY EVALUATION

This change:

Yes ☐ No ☒ Represents a change to the station or procedures as described
in the FSAR, or a test or experiment not described in the FSAR
Yes ☐ No ☒ Requires a change to the station Technical Specifications?
Yes ☐ No ☒ Involves an unreviewed safety question?

If the answer to any of the above is "Yes", attach a detailed explanation.
As appropriate attach a completed "Nuclear Safety Evaluation Check List" form.

By: Bryan McNeill Date: 12-13-83

- (9) REVIEWED BY: Adams DATE: 12-20-83

Cross-Disciplinary Review By: (N/R) TWR

- (10) TEMPORARY APPROVAL (IF NECESSARY):

By: _____ (SRO) Date: _____
By: _____ Date: _____

- (11) APPROVED BY: J.W. L. DATE: 12/30/83

- (12) MISCELLANEOUS:

Reviewed/Approved By: _____ Date: _____
Reviewed/Approved By: _____ Date: _____

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DUKE POWER COMPANY
PROCEDURE MAJOR CHANGE
PROCESS RECORD

(1) ID No: CP/6/A/8100/05
Change No: 4
~~Permanent~~ / ~~Restricted To~~

- (2) STATION: Catawba
- (3) PROCEDURE TITLE: Chemistry Procedure for the Determination of Chloride (Manual Method)
- (4) SECTION(S) OF PROCEDURE AFFECTED: 1.3.3, 4.6
- (5) DESCRIPTION OF CHANGE: (Attach additional pages, if necessary.)
1.3.3 Add another sentence - "Turbidity or suspended solids can also cause interferences."
4.6 Add section 4.6 - see Additional Pages.
- (6) REASON FOR CHANGE:
For analysis of turbid samples; in response to CSEG-83-491
- (7) PREPARED BY: AZ Pante DATE: 12/20/83
- (8) SAFETY EVALUATION

This change:

Yes ☐ No ☒ Represents a change to the station or procedures as described in the FSAR, or a test or experiment not described in the FSAR

Yes ☐ No ☒ Requires a change to the station Technical Specifications?

Yes ☐ No ☒ Involves an unreviewed safety question?

If the answer to any of the above is "Yes", attach a detailed explanation.
As appropriate attach a completed "Nuclear Safety Evaluation Check List" form.

By: AZ Pante Date: 12/20/83

(9) REVIEWED BY: RH Chant DATE: 12-20-83

Cross-Disciplinary Review By: N/R: RHE

(10) TEMPORARY APPROVAL (IF NECESSARY):

By: _____ (SRO) Date: _____
By: _____ Date: _____

(11) APPROVED BY: Jw. G DATE: 12/21/83

(12) MISCELLANEOUS:

Reviewed/Approved By: _____ Date: _____
Reviewed/Approved By: _____ Date: _____

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Add Section 4.6

4.6 Blank, Standard, and Sample Preparation - If turbidity or suspended matter is present.

4.6.1 Prepare a blank by filtering $100 \pm 1\text{ml}$ of Super-Q water using a nitric acid washed, thoroughly rinsed filtering apparatus and 0.45 micron filter paper.

4.6.2 Prepare standards by filtering $100 \pm 1\text{ml}$ of standard using a nitric acid washed, thoroughly rinsed filtering apparatus and 0.45 micron filter paper.

4.6.3 Prepare the sample by filtering $100 \pm 1\text{ml}$ of sample using a nitric acid washed, thoroughly rinsed filtering apparatus and 0.45 micron filter paper.

Note: The labware need not be acid washed between blank, standard, and sample, but it must be thoroughly rinsed with Super-Q water.

4.6.4 Go to step 4.2.3