Form SPD-1003-2

DUKE POWER COMPANY
PROCEDURE MAJOR CHANGE
PROCESS RECORD

(1) ID No: CP/0/A/8100/05
Change No: 2
Permanent/[redacted]

(2) STATION: Catawba

(3) PROCEDURE TITLE: Chemistry Procedure for the Determination of Chloride (Manual Method)

(4) SECTION(S) OF PROCEDURE AFFECTED: 3.1 and 3.2

(5) DESCRIPTION OF CHANGE: (Attach additional pages, if necessary.)

See Attachment

(6) REASON FOR CHANGE:

Procedure Improvement

(7) PREPARED BY: Cheryl McAfee DATE: 12-1-82

(8) SAFETY EVALUATION

This change:

Yes ____ No X 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 X 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: Cheryl McAfee Date: 12-1-82

(9) REVIEWED BY: R.H. Chenet DATE: 12-1-82

Cross-Disciplinary Review By: N/R: RHC

(10) TEMPORARY APPROVAL (IF NECESSARY):

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

(11) APPROVED BY: H.S. Tuckman DATE: 12/3/82

(12) MISCELLANEOUS:

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

(13) Page 1 of 2

Attachment I
CP/0/A/8100/05

Change Section 3.1 to read:

Ferric, Nitrate, (10%)

Dissolve 100.0 ± 0.1 g of reagent grade Ferric Nitrate [$Fe(NO_3)_3 \cdot 9H_2O$] in 120 ± 1 ml of demineralized water. Add 750 ± 1 ml of concentrated Nitric Acid (HNO_3, sp. gr. 1.42). Dilute to 1000 ± 1 ml with demineralized water. This solution is stable indefinitely.

Change Section 3.2 to read:

Mercuric Thiocyanate, (0.3%)

Dissolve 0.750 ± 0.001 g of Mercuric Thiocyanate [$Hg(CNS)_2$] in 250 ± 1 ml of reagent grade methanol (CH_3OH). Allow to stand for at least 24 hours. Filter & store in an amber reagent bottle. Do not use if more than 4 weeks old.