



**LOUISIANA
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November 21, 1984

W3P84-3252
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A4.05

Director of Nuclear Reactor Regulation
Attention: Mr. G.W. Knighton, Chief
Licensing Branch Number 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Waterford Steam Electric Station - Unit Number 3
Docket 50-382
Submittal of Additional Information
Concerning Radioactive Waste Solidification
Process Control Programs

REFERENCES: (1) Louisiana Power & Light Company letter number W3P84-2196
from K.W. Cook to G.W. Knighton dated August 16, 1984
(2) Louisiana Power & Light Company letter number W3P84-1122
from K.W. Cook to G.W. Knighton dated April 25, 1984
(3) Louisiana Power & Light Company letter number W3P84-0423
from K.W. Cook to G.W. Knighton dated February 21, 1984

Dear Mr. Knighton:

Attached please find for your review Waterford Steam Electric Station - Unit Number 3 (Waterford 3) Administrative Procedure RW-1-210, Process Control Program for radioactive waste solidification, and two vendor process control programs (PCPs) addressing dewatering procedures, Westinghouse Hittman Nuclear, Inc. (Hittman) procedure STD-P-04-002 and NUS Process Services (NUS) procedure FI-013. Also attached are a letter from Hittman stating that its procedure is for your proprietary use, and an affidavit in accordance with 10CFR2.790 from NUS attesting to the proprietary nature of their document, and requesting that it be withheld from public disclosure. These documents, the information and documents submitted by the referenced letters, and the following topical reports currently under Nuclear Regulatory Commission (NRC) review provide the procedures which will be used at Waterford 3 for processing "wet" radioactive wastes:

(1) NUS, Topical Report on Radwaste Solidification, PS-53-0378,
Revision 0;

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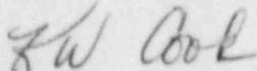
- (2) NUS, Topical Report on 10CFR61 Qualified Radioactive Waste Forms, May 1984, TR002, Final Revision 0;
- (3) Chem-Nuclear Systems, Inc. (CNSI), Topical Report on Mobile Cement Solidification System, 4313-01354-01P, Revision 2;
- (4) CNSI, 10CFR61 Waste Form Certification - Cement, CNSI-WF-C-01, NP, November 30, 1983;
- (5) CNSI, Dewatering Topical Report, CNSI-DW-11118-01-F, December 23, 1983;
- (6) Hittman, Topical Report on Radwaste Solidification System (Cement), HN-R1109, Revision 4;
- (7) Hittman, Topical Report on Cement Solidified Wastes to Meet the Stability Requirements of 10CFR61, STD-R-05-005, Revision 0;
- (8) Hittman, Topical Report for Hittman RADLOK High Integrity Containers, STD-R-03-008, Revision 0.

As previously indicated, wet radioactive wastes will be processed by vendor supplied portable systems, and all submittals have reflected this. Louisiana Power & Light Company (LP&L) has General Service Agreements with NUS, CNSI and Hittman for their radioactive waste processing services, and plans to utilize NUS' services for the initial solidification.

Waterford 3 Surveillance Procedure RW-2-210 was submitted as an interim PCP, pending availability of NRC guidelines and subsequent development of a corresponding PCP. Although no formal guidelines have been promulgated, RW-1-210 was developed based on guidance provided by Mr. Jay Lee, Meteorology and Effluent Treatment Branch. RW-2-210 will still be utilized as a plant procedure, but is superseded as a PCP, and should no longer be considered as such.

Please review this new procedure and information as soon as possible so that we may receive approval to process wet radioactive wastes, as we have discussed with Mr. Lee. Should you require additional information, or wish to discuss this matter further, please contact Ms. Chadi D. Groome of our Nuclear Licensing Office at (504) 595-2846.

Very truly yours,



K. W. Cook
Nuclear Support & Licensing Manager

KWC/CDG/ch
Attachments

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cc (without attachments): E.L. Blake, W.M. Stevenson, J. Wilson, G.L. Constable,
J.T. Collins, D.M. Crutchfield

cc (with attachments): J. Lee