



R2/E36

Westinghouse
Electric Corporation

Commercial Nuclear
Fuel Division

Drawer R
Columbia South Carolina 29250
(803) 776 2610

NRC-00-11

March 21, 2000

U. S. Nuclear Regulatory Commission
ATTN: Mr. Harry Felsher
Licensing Section 1, Licensing Branch
FCS&S Division, NMSS
11545 Rockville Pike
Mail Stop T8D14
Rockville, MD 20852-2738

Dear Mr. Felsher:

SUBJECT: SAFE GEOMETRY DISSOLVER SYSTEM LICENSE ANNEX
(TAC NO. L31138) CHANGE

In accordance with our facsimile commitment of February 23, 2000 (copy attached), changed pages to the License Annex for the Safe Geometry Dissolver system are hereby submitted.

The only substantive change was the addition of crystalline UNH as an acceptable material form in the Safe Geometry Dissolver. NCS analysis determined that crystalline UNH is bounded by the previous analyses of the system. No criticality controls were affected. If you have any questions, please contact me at (803) 647-1000, Extension 3393.

Sincerely,

WESTINGHOUSE ELECTRIC COMPANY

Robert A. Williams
Licensing Project Manager
Westinghouse Columbia Plant

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 4
FOIA 2006-0026

Docket 70-1151 License SNM-1107

Attachment

I-8

Williams, Robert A.

From: Williams, Robert A.
Sent: Wednesday, February 23, 2000 9:56 AM
To: 'hdf@nrc.gov'
Cc: Goldbach, Donald C.; Mixon, Daisy O; Williams, David W.
Subject: INTENT TO CHANGE LICENSE ANNEX

On February 22, 2000, Westinghouse Columbia Fuel Fabrication Facility (CFFF) Regulatory Management approved a project that will require a change to the License Annex submitted in support of the Safe Geometry Dissolver System Integrated Safety Assessment (TAC No. L31138).

Project Description

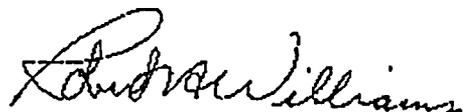
This change is to cover shipment receipt, receipts unloading, container transfer, and re-loading of shipment overpacks into transport containers or truck trailers for return of, shipments of UO₂, U₃O₈ and **UNH Crystals** from outside sources, into Dock 3 in the URRS Area. Such shipments are to be an on-going source of alternate uranium supplies.

Regulatory Review

Project approved for startup and operation (by Manager, Environment, Health and Safety).

Necessary changed pages to the License Annex for the Safe Geometry Dissolver System will be submitted on (or about) March 22, 2000. (ACTION: **DAVE WILLIAMS, DAISY MIXON**)

Licensing Project Manager
Westinghouse CFFF



ISA LICENSE ANNEX

SAFE GEOMETRY DISSOLVER SYSTEM

ISA LICENSE ANNEX
SAFE GEOMETRY DISSOLVER SYSTEM

TABLE OF CONTENTS

<i>TABLE OF CONTENTS</i>	<i>i</i>
<i>REVISION RECORD</i>	<i>ii</i>
<i>Process Summary</i>	<i>1</i>
<i>Environmental Protection and Radiation Safety Controls</i>	<i>3</i>
<i>Nuclear Criticality Safety (NCS) Controls and Fault Trees</i>	<i>4</i>
Control Parameters and Safety Limits:	4
Bounding Assumptions: (From Table in SNM-1107).....	4
Controls.....	4
Margin of Safety.....	6
Summary Of Initiating Events Which Lead To Credible Process Upsets	6
<i>Fire Safety and Chemical Safety Controls</i>	<i>17</i>

Initial Issue Date: 30 OCT 98
Revision Date: 21 Mar 00

Page No. i
Revision No. 1

ISA LICENSE ANNEX

SAFE GEOMETRY DISSOLVER SYSTEM

REVISION RECORD

<u>REVISION NUMBER</u>	<u>DATE OF REVISION</u>	<u>PAGES REVISED</u>	<u>REVISION RECORD</u>
01	03-21-00	1	Add UNH. Crystal

Initial Issue Date: 30 OCT 98
Revision Date: 21 Mar 00

Page No. ii
Revision No. 1