

EXPERT SYSTEM LICENSE EVALUATION  
REPORT FOR LICENSE 31-00350-05

NAME OF LICENSEE: NUCLEAR DEVELOPMENT CORPORATION OF AMERICA  
LISTED SITE: CHEMISTRY OR MATERIALS DEPARTMENT, 5 NEW STREET, WHITE PLAINS, NY  
INVENTORIED FILES FOR THIS LICENSE ARE IN THE FOLLOWING JOB/BOX NUMBERS:  
JOB NUMBER: 1722 / BOX: 80

Description of LICENSEE ACTIVITY UNDER THIS LICENSE

THE LICENSEE WAS AUTHORIZED BYPRODUCT MATERIAL RESULTING FROM THE SERVICE IRRADIATION OF METAL ALLOYS, SOILS, MINERALS, AND COMPONENTS FOR USE IN CORROSION AND MATERIALS TESTS, INCLUDING MASS TRANSFER TESTS AND ACTIVATION ANALYSES.

MATERIALS INFORMATION FOR THIS LICENSE

---Material--	-SEALED OR LOOSE--	POSS. LIMIT	Unit	Initial score
ANY BYPRODUCT MATL 1	LOOSE	0.025000	CI	
ANY BYPRODUCT MATL 1	SEALED	0.025000	CI	3.3

REVIEWER INDICATED ONE OR MORE OF THE MATLS MAY HAVE BEEN DISPOSED BY FLUSHING

NOTES ON MATERIALS AND POSSESSION LIMITS

For sealed sources, the score given above is the score ONLY FOR THAT MATERIAL.  
The OVERALL SEALED SCORE IS THE sum of individual SEALED SCORES divided by 5.

FINAL DECISION FOR SITE, BASED ON LOOSE MATERIALS:

POTENTIAL SITE CONTAMINATION:  
ELIMINATED FROM CONSIDERATION FOR SITE CONTAMINATION  
Reason for elimination: SUPERCEDED BY NEW LICENSE

FINAL DECISION FOR SEALED MATERIALS:  
SEALED SRCS ELIMINATED FROM CONSIDERATION

Sealed sources were either accounted for  
and therefore eliminated from consideration

SEQUENCE OF EXPERT SYSTEM REASONING

1. Use of 'any byproduct material' on this license was for possession of activated samples. Not judged to be likely hazard.

A/22

2. The inclusion of any byproduct material on the license is judged not to be for an activity involving hazardous materials.
3. Use of 'any byproduct material' was authorized on this license for the purpose of irradiating metal
4. There was at least one sealed source on this license for which the amount remaining was reduced according to the length of the half-life
5. License is nonsuspect because it was superceded by another license

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COMMENTS FOR LICENSE EVALUATION

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END OF COMMENTS FOR LICENSE EVALUATION

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REGION RESPONSIBLE: I

LICENSEE NAME: NUCLEAR DEVELOPMENT CORPORATION OF AMERICA  
 STREET ADDRESS: 5 NEW STREET City: WHITE PLAINS  
 STATE OF PRINCIPAL OPERATION: NEW YORK

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field 31-00350-02

Site used: CHEMISTRY OR MATERIALS DEPARTMENT, 5 NEW STREET, WHITE PLAINS, NY

Disposition information present: LETTER AND OTHER DOCUMENT

Contents of letter: MATERIAL WAS DISPOSED VIA DECAY AND SEWER FLUSHING.

Contents of other disposition information:APPLICATION

Info on disposal: AEC DISPOSAL FACILITY IN EARL, NJ

Material was listed as disposed of by decay.

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There was a reference to disposal in accordance with 10CFR20

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Inventory record indicates some definite reference to disposal in file.

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This license was listed as expired on 05/31/60

A P P L I C A T I O N I N F O R M A T I O N

There WAS a licensee application contained in the file

The application had some information on waste disposal practices.

The application contained some information on material use.

INVENTORY RECORD COMMENTS:

BYPRODUCT MATERIAL USED IN CORROSION AND MATERIALS TESTS.

JOB NUMBER: 1722

BOX NUMBER: 80

