

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE C-03387

Licensee: ENGELHARD INDUSTRIES INC(FORMERLY BAKER AND CO.)
Site of operation: 113 ASTOR ST.,NEWARK, NEW JERSEY

The final ranking for SITE CONTAMINATION is:	52
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DESCRIPTION OF ACTIVITY OR FACILITY: SOURCE MATERIAL PROCESSIN

--Type and form of materials licensed--	
Material--	--Form--
SOURCE MATERIAL	Loose material
NATURAL U/NORMAL U	Loose material

--For evaluation purposes, amounts of the following materials were obtained--

Material--	--Form--	Amount	Unit	Score
SOURCE MATERIAL	LOOSE	20500.00	lb	
NATURAL U/NORMAL U	LOOSE	1.1010	lb	

INITIAL SITE SCORE, based on LOOSE material possession limits: 25

DESCRIPTION OF FIRST SITE AT WHICH C-03387	WAS USED
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113 ASTOR ST.,NEWARK, NJ.

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1. License was for loose materials, or materials handled loose
 2. There was one identifiable site with this license.
 3. FIRST SITE: High likelihood that building on site could have been left with significant contamination. Score=score*1.5

Reviewer's comments concerning potential CONTAMINATION
FILE HAS LIMITED INFORMATION BUT THE LARGE AMOUNTS OF LOOSE MATERIALS
IN USE AND THE PROCEDURES NEEDED FOR PURIFICATION AND RECOVERY
APPEAR TO HAVE CONTAMINATION POTENTIAL.

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4. FIRST SITE: There was NO verifiable decontamination of the site at closeout. Score=score*1.2
 5. FIRST SITE: There was no evidence of releases at this site. Score not changed.

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6. FIRST SITE: Nature/magnitude of operation should cause small turnover of materials Score=score*0.8

Reviewer's comments concerning potential TURNOVER OF MATERIALS

THIS VERY OLD LICENSE WAS WRITTEN FOR THE AMOUNT OF MATERIAL BEING FOR THE TERM OF THE LICENSE.

7. FIRST SITE: There was limited use of contaminated waste material in the operation. Score=score*1.2.
8. FIRST SITE: Possible inappropriate disposal or abandonment of contaminated waste material. Score=score*1.1
9. FIRST SITE: There was some documentation of materials disposition, but not complete. Score=score*0.9
10. FIRST SITE: There was no available information indicating onsite disposal of material or waste at the site. Score not changed
11. FIRST SITE: There was NO closeout survey for this site. Score multiplied by 1.8
12. FIRST SITE: There was NOT an NRC FINAL INSPECTION of the facility.

CATEGORY FOR POTENTIAL SITE CONTAMINATION:
HIGH PRIORITY-Category 1B

The final ranking for SITE CONTAMINATION is:	52
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Description of THE LICENSEE ACTIVITY AUTHORIZED by this license

PROCESSING, PURIFYING, AND RECOVERY METHODS ON REFINED SOURCE AND SCRAP OR CONTAMINATED METAL.

Reviewer's comments concerning license C-03387

The license was issued in Oct.,56, and expired in July,62, with no inspection and closeout survey. The file was essentially lacking information useful for this evaluation and there was no cross reference in the inventory to another job/box file for additional information. THIS SITE APPEARS TO HAVE HAD Pu-239 CONTAMINATION AS DESCRIBED IN THE FILE OF JOB 0537 BOX-01 FOR LICENSES SNM-00715 & SNM-00892 ISSUED TO RADIOLOGICAL SERVICES COMPANY FOR DECONTAMINATION ACTIVITIES.

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EXPERT SYSTEM EVALUATION WAS BASED ON THE
INVENTORY RECORD IN JOB 0529, BOX 01

Docket 40-00680

Licensee: ENGELHARD INDUSTRIES INC(FORMERLY BAKER AND CO.)

Address: 113 ASTOR ST., NEWARK, NEW JERSEY Zip:

State of operation: NJ

Disposition information present: NO DISPOSITION INFORMATION GIVEN

This license was listed as expired on 07/31/62

Remarks:

JOB NUMBER: 0529 BOX NUMBER: 01

Date of last evaluation/revision: 08/11/92

Reviewer: