

From: Richard Skokowski
To: Mahesh Chawla
Date: 2/10/06 9:49AM
Subject: tritium survey

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App E. (36)

Richard

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please see attached

2-73

LICENSEE QUESTIONNAIRE

Onsite Radiological Effluent Monitoring Program

Phase I (Near term response)

- | | Yes | No |
|--|--------------------------|--------------------------|
| 1. Does the licensee have radioactive groundwater monitoring wells onsite? | <input type="checkbox"/> | <input type="checkbox"/> |
| If YES: How many wells: _____ | | |
| Where are they located (e.g., distributed around/throughout the site, in a particular region of the site and/or near particular buildings/structures, etc.) | | |
| (a.) within the Protected Area | <input type="checkbox"/> | <input type="checkbox"/> |
| (b.) within the Radiologically Restricted Area | <input type="checkbox"/> | <input type="checkbox"/> |
| (c.) within the owner-controlled area | <input type="checkbox"/> | <input type="checkbox"/> |
| (d.) at what frequency does the licensee sample/analyze the wells | _____ | |
| (e.) for what radionuclides does the licensee monitor | _____ | |
| Gamma emitters (gamma Spec) | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes – at what MDA | _____ | |
| Tritium | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes – at what MDA | _____ | |
| Gross Beta | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes – at what MDA | _____ | |
| Other: _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes – at what MDA | _____ | |
| 2. If the licensee does NOT have an onsite radioactive groundwater monitoring program: | | |
| (a.) Does the licensee plan to implement a groundwater monitoring program. | <input type="checkbox"/> | <input type="checkbox"/> |
| If Yes, when and to what extent: _____ | | |
| _____ | | |
| _____ | | |
| (b.) Does the licensee plan to take other measures to assure they can identify radioactive groundwater contamination | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Does the licensee have a surveillance program to periodically walkdown outside areas around the site to look for potential leaks and spills? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Does the licensee perform any other onsite monitoring (e.g. soil sampling) to identify unexpected radioactive releases | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Does the licensee's radioactive liquid discharge line traverse any non-licensee owned areas (e.g., it is on a right-of-way surrounded by private properties)? | <input type="checkbox"/> | <input type="checkbox"/> |

6. If the licensee has a discharge pipe that runs underground or any underground piping that carries radioactive liquids, does the licensee perform monitoring along the discharge pathway to identify potential leakage.

Yes No
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If YES,

How frequently is the sampling performed: _____

For what radionuclides does the licensee monitor: _____

Phase II (Longer Term Response)

7. Historical Onsite Radioactive Contamination:

Yes No

(a.) Does the licensee have any history of radioactive spills and/or leaks outside of buildings?

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Are they documented in their 50.75g file

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(b.) Has the licensee identified onsite radioactive groundwater contamination.

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If YES:

➤ When was it identified - IF known:

Dates: _____

Condition Report No: _____
(If available)

➤ To what extent - IF known [square footage, estimated ground depth of the contamination, estimated quantity (volume / concentration), etc.]

➤ Has the contamination moved outside the Restricted Area or the owner-controlled area

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8. Comments: _____

