

# **ONSITE GROUND/SURFACE WATER MONITORING QUESTIONNAIRE**

## ***Onsite Radiological Effluent/REMP Monitoring Program***

### **Phase I (Near term response)**

- |   | Yes   | No |
|---|-------|----|
| 1. Does the licensee have radioactive groundwater monitoring wells onsite?  | C     | ✕  |
| 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  | C     | C  |
| (b.) within the Radiologically Restricted Area  | C     | C  |
| (c.) within the owner-controlled area   | C     | C  |
| (d.) at what frequency does the licensee sample/analyze the wells   | _____ |    |
| (e.) for what radionuclides does the licensee monitor   | _____ |    |
| Gamma emitters (gamma Spec)   | C     | C  |
| Tritium If Yes - at what MDA  | C     | C  |
| Gross Beta If Yes - at what MDA   | C     | C  |
| Other: _____ If Yes - at what MDA   | C     | C  |
| 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?  | C     | ✕  |
| If Yes, when and to what extent: _____  |       |    |
| <b>groundwater</b> _____  |       |    |
| _____ Do quarterly monitoring of  |       |    |
| _____ which includes water pumped from  |       |    |
| _____ tendon gallery _____  |       |    |
| (b.) Does the licensee plan to take other measures to assure they can identify radioactive groundwater contamination  | C     | ✕  |
| 3. Does the licensee have a french drain system surrounding the main reactor facility and auxiliary structures ?  | C     | ✕  |

J-13

(a.) is the system analyzed for radionuclides?

C C

(b.) at what frequency does the licensee sample/analyze the wells

(c.) for what radionuclides does the licensee monitor

Gamma emitters (gamma Spec)

C C

If Yes - at what MDA

Tritium

C C

If Yes - at what MDA

Gross Beta

C C

If Yes - at what MDA

4. Does the licensee have a surveillance program to periodically :

(a.) walkdown outside areas around the site to look for potential leaks and spills?

✕ C

(b.) pressurize buried radwaste lines to evaluate structural integrity and evaluate potential for leaks and spills?

C ✕

5. Does the licensee perform any other onsite monitoring (e.g. soil sampling) to identify unexpected radioactive releases

✕ C

6. 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)?

C ✕

7. 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  
C ✕

If YES,

How frequently is the sampling performed: \_\_\_\_\_

8. Historical Onsite Radioactive Contamination:

Yes No

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

✕ C

Are they documented in 10 CFR 50.75g file?

✕ C

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

C ✕

If YES:

When was it identified - IF known:

Dates: Has four files in 50.75g dating back to early 1980s and 2002 CR

LER/Abnormal Event Report/Condition Report Nos:

\_\_\_\_\_ (If available)

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

\_\_\_\_ **Review files** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Has the contamination moved outside the  
the owner-controlled area

Restricted Area or

C



Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_