

# VOGTLE

## 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	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
If Yes - at what MDA		
Tritium	C	C
If Yes - at what MDA		
Gross Beta	C	C
If Yes - at what MDA		
Other: _____	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	C
If Yes, when and to what extent:		
_____		
_____		
_____		
(b.) Does the licensee plan to take other measures to assure they can identify radioactive groundwater contamination	C	C
3. Does the licensee have a french drain system surrounding the main reactor facility and auxiliary structures ?	C	C

\* See notes (# 9)

B/1

(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 C
- (b.) pressurize buried radwaste lines to evaluate structural integrity and evaluate potential for leaks and spills? C C
5. Does the licensee perform any other onsite monitoring (e.g. soil sampling) to identify unexpected radioactive releases C C \* See notes (# 9)
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 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 C
- If YES,  
How frequently is the sampling performed: \_\_\_\_\_

8. Historical Onsite Radioactive Contamination:
- (a.) Does the licensee have any history of radioactive spills and/or leaks C C
- Are they documented in 10 CFR 50.75g file? C C
- (b.) Has the licensee identified onsite radioactive groundwater contamination? C C
- If YES:
- When was it identified - IF known:
- Dates: \_\_\_\_\_

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.]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Has the contamination moved outside the  
the owner-controlled area

Restricted Area or

C

C

Comments: \_\_\_\_\_

Question 3: Site has a storm drain system installed. Licensee monitors the storm drain(s) in the vicinity of previous radioactive liquid spills. Monitoring takes place quarterly, but only for gamma-emitting nuclides.

Question 5: Licensee performs other onsite monitoring as required for materials stored outside (e.g. outdoor RCAs). Licensee conducts soil samples for all digging activities inside the protected area. Soil samples are only measured for gamma-emitting nuclides. Licensee maintains records of these soil samples only if (1) soil is relocated outside the protected area, or (2) soil sample exceeds threshold activity level. Soil sample records are not maintained if (1) soil remains within the protected area and (2) sample has no measurable activity level.