


Exhibit 1 – Telephone Contact Questionnaire

Instructions: Complete this questionnaire as per the program objectives and procedures for Enclosure 2.

Name and title of Interviewer: Ryan Craffey	
Signature of Interviewer:  7/17/2012	
Date of this Interview: 18 June 2012	
Date of Previous Interview: 4 October 1996	
QUESTIONS	ANSWERS
Licensee Name, Address, and URL	Consumers Energy Company Laboratory Services 135 W. Trail Street Jackson, MI 49201
Licensee's Point of Contact (Name, Address, Phone and FAX Numbers, and URL)	John S. Merrill, RSO P: 517-788-7104 F: 517-788-2533
License Number Docket Number	21-18784-01 030-14167
1. Name and Title of person responsible for radiation safety program:	John Merrill, RSO Jeff Collier, ARSO Gordon Cattell, AU
2. Describe how you prevent: (a) use by unauthorized personnel and (b) loss or theft.	Facility has two levels of protection – card reader gate and card reader to building. Visitors are escorted GCs sectioned off for AU use
3. Describe how you maintain shielding, restrict access, and control contamination from unsealed material to prevent individuals from becoming exposed to radiation.	Sources are internal to device
4. Describe how you determine radiation doses to workers and members of the public from licensed activities. What was the maximum dose received since the last NRC telephone contact or inspection?	Dosimetry not necessary

5. Describe radiation area surveys around licensed activities. What survey instrument (SI) was used? SI's last calibration date? What were the typical radiation levels and at what distance?	Surveys performed periodically even though not required. No elevated readings to date.
6. Describe leak testing of the sealed source(s). How often and who analyzed the leak test samples? What were the most recent results?	AU takes wipes, RSO sends them out for analysis every 6 months (conducted along with inventory) Most recent test conducted 4/2/12 – all sources under 1.2 pCi Testing conducted by ATI Environmental – Midwest Labs, Northbrook IL
7. Describe physical inventory of all byproduct material and NMMSS-reportable materials in your possession. When was the last inventory completed? Were all the sources located?	1 gas chromatograph at present with seven Ni-63 sources Each source less than 15 mCi Last inventory conducted 4/2/12 - all seven sources accounted for
8. Describe your provisions for repair and maintenance of your device or source holder.	Newer device No issues to date Repairs or maintenance would only be conducted by manufacturer
9. Describe any unusual events involving the byproduct material or the device(s) in which it is used (i.e., fire, explosion, natural disaster.)	No events to date