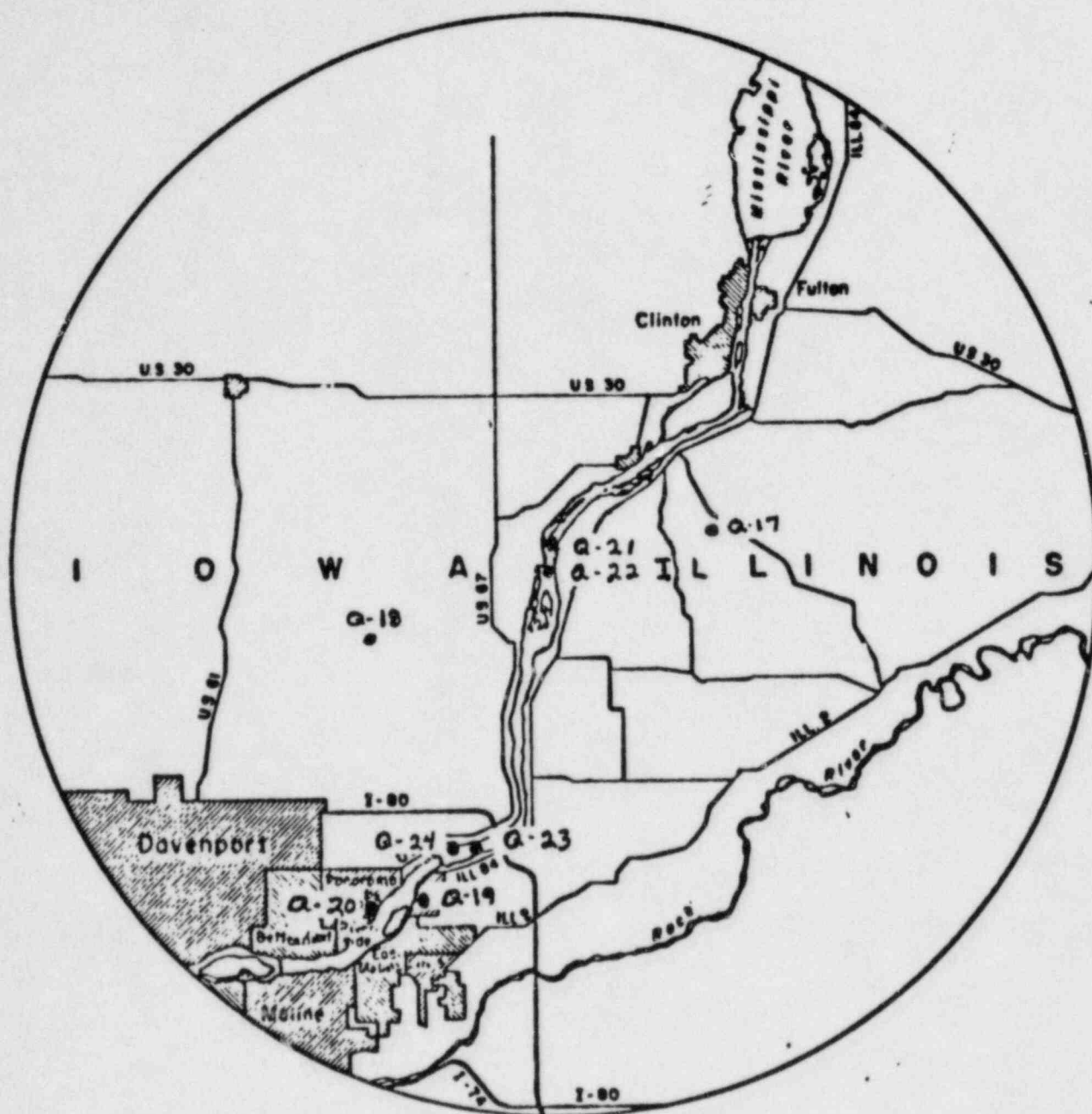
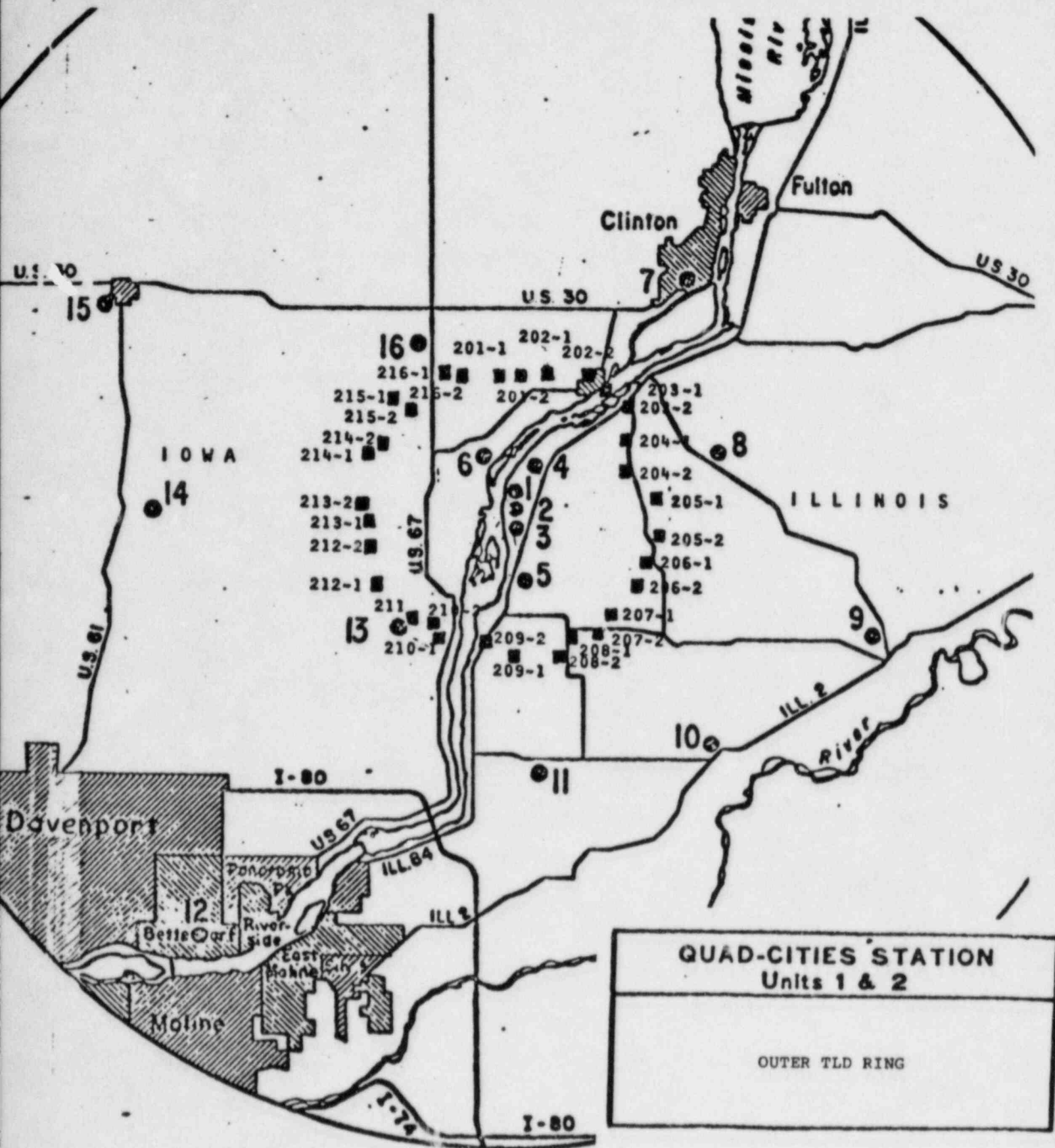


QUAD-CITIES STATION Units 1 & 2

LOCATIONS OF WATER SAMPLE
AND DAIRY SITES

8505160175 850424
PDR ADCK 05000254
R PDR



QUAD CITIES STATION

1. Air Samplers

<u>Site Code</u>	<u>Location</u>	<u>Distance (miles)</u>	<u>Direction (0)</u>
Q-01	a. On-site Station #1	0.5	0
Q-02	b. On-site Station #2	0.5	70
Q-03	c. On-site Station #3	0.6	170
Q-04	d. Nitrin	1.5	40
Q-05	e. Saddle Club Dairy Farm	1.8	160
Q-06	f. Hanson's Boat Landing	1.8	340
Q-07	g. Clinton	9.0	40
Q-08	h. Sikkema Farm	7.0	70
Q-09	i. Erie	13.0	110
Q-10	j. Hillsdale	10.0	130
Q-11	k. Port Byron	8.0	170
Q-12	l. Bettendorf	15.0	210
Q-13	m. Princeton	4.8	220
Q-14	n. Utica Ridge Road	11.0	270
Q-15	o. DeWitt	13.0	300
Q-16	p. Low Moor	6.0	330

2. TLD

Same as 1.

Special TLD Samplers

<u>Site Code</u>	<u>Distance (mile)</u>	<u>Direction (0)</u>
101-1	0.7	4
101-2	0.8	4
102-1	1.7	21
102-2	1.7	22
103-1	1.2	56
103-2	1.1	60
104-1	0.95	77
104-2	0.63	77
105-1	0.75	91
105-2	0.71	109
106-1	0.71	118
106-2	0.73	128
107-1	0.78	137
107-2	0.86	146
108-1	0.96	155
108-2	0.89	167
109-1	0.87	176
109-2	0.98	180
111-1	2.6	226
111-2	2.6	231
112-1	2.5	246
112-2	2.2	252
113-1	2.6	264
113-2	2.5	271

QUAD CITIES STATION (continued)

Special TLD Samplers

<u>Site Code</u>	<u>Distance (mile)</u>	<u>Direction (0)</u>
114-1	2.6	286
114-2	2.5	295
115-1	2.6	310
115-2	2.0	320
116-1	2.2	339
116-2	2.4	347
201-1	4.6	356
201-2	4.0	12
202-1	4.4	17
202-2	5.0	30
203-1	5.0	34
203-2	4.5	51
204-1	4.5	61
204-2	3.9	72
205-1	5.6	83
205-2	4.7	99
206-1	5.0	113
206-2	4.8	120
207-1	4.3	133
207-2	4.6	145
208-1	4.4	158
208-2	4.7	158
209-1	4.4	179
209-2	4.5	192
210-1	4.4	210
210-2	3.4	211
211-1	3.5	223
212-1	5.4	242
212-2	4.7	256
213-1	4.7	265
213-2	5.5	270
214-1	4.4	310
214-2	4.4	311
215-1	4.8	316
215-2	4.5	318
216-1	4.5	333
216-2	4.2	343

3. Fish

<u>Site Code</u>	<u>Location</u>	<u>Distance (miles)</u>	<u>Direction (0)</u>
Q-24	a. Davenport Farm Market	Pool #14 of Mississippi River	210

4. Milk

<u>Site Code</u>	<u>Location</u>	<u>Distance (miles)</u>	<u>Direction (0)</u>
Q-17	a. Hansen Dairy Farm	6.0	70
Q-18	b. Musal Farm	5.5	225

QUAD CITIES STATION (Continued...)

5. Public Water Supply

<u>Site Code</u>	<u>Location</u>	<u>Distance (miles)</u>	<u>Direction (0)</u>
Q-19	a. East Moline Water Works	19.0 River miles	210
Q-20	b. Davenport Water Works	20.0 River miles	210

6. Cooling Water Sample

<u>Site Code</u>	<u>Location</u>	<u>Distance (miles)</u>	<u>Direction (0)</u>
Q-21	a. Inlet	at Station	270
Q-22	b. Discharge		270

7. Sediment

<u>Site Code</u>	<u>Location</u>	<u>Distance (miles)</u>	<u>Direction (0)</u>
Q-23	a. Lock and Dam #14	15.0	210

TABLE 5.0-1

QUAD CITIES STANDARD RADIOLOGICAL MONITORING PROGRAM

<u>Sample Media</u>	<u>Collection Site^a</u>	<u>Type of Analysis</u>	<u>Frequency</u>	<u>Non-Routine Reporting Levels^b</u>
1. Air Monitoring	(a) Onsite and near Field	1. Filter - gross beta ^c	1. Weekly	Cs-134 10, Cs-137 20 pCi/m ³
	(1) Onsite Station #1	2. Charcoal - I-131	2. Bi-weekly ^d	0.9 pCi/m ³
	(2) Onsite Station #2			
	(3) Onsite Station #3	3. Sampling Train -	3. Weekly	
	(4) Nitrin	Test and Maintenance		
	(5) Saddle Club Dairy Farm			
	(6) Hanson's Boat Landing			
	(b) Far Field	1. Filter Exchange	1. Weekly	Same as 1 (a)
	(1) Clinton	2. Charcoal Exchange	2. Bi-weekly	When analyses
	(2) Sikkema Farm	3. Sampling Train -	3. Weekly	are made
	(3) Erie	Test and Maintenance		
	(4) Hillsdale			
	(5) Port Byron			
	(6) Bettendorf			
	(7) Princeton			
	(8) Utica Ridge Road			
	(9) DeWitt			
	(10) Low Moor			
2. TLD	Same as 1	Gamma Radiation	Quarterly	
3. Fish	Pool 14 of Mississippi	Gamma isotopic	Semi-annually	Mn-54 3x10 ⁴ , Fe-59 1x10 ⁴ Co-58 3x10 ⁴ , Co-60 1x10 ⁴ Zn-65 2x10 ⁴ , Cs-134 1x10 ³ Cs-137 2x10 ³ pCi/Kg wet weight
4. Milk	(a) Hansen Dairy	I-131	1. Weekly - Grazing Season - May to Oct	I-131 3 pCi/l Cs-134 60 pCi/l Cs-137 70 pCi/l
	(b) Musal Dairy		2. Monthly - Nov to Apr	Ba-La-140 300 pCi/l