Department of Energy
Oak Ridge Operations
P. O. Box E
Oak Ridge, Tennessee 37831

November 8, 1984

Dr. Diane L. Rowley
Department of Health
& Human Services
Centers for Disease Control
Atlanta, GA 30333

Dear Dr. Rowley:

MERCURY LEVELS IN OAK RIDGE TURTLES

I have just received your letter regarding mercury levels in Oak Ridge turtles. Enclosed is more complete information regarding the earlier data. Please let me know if you believe that methylmercury analyses are needed. If so, I will ask ORAU to collect the turtles and arrange for the analyses by an appropriate laboratory.

Sincerely,

Wayne

Wayne Hibbitts
Office of Assistant Manager
for Safety & Environment

SE-30:Hibbitts

Enclosure:
As Stated

cc w/Encl.: Pat Turri, TDHE, Nashville

cc w/o Encl.: Clayton Gist, ORAU

RECEIVED
TENNESSEE DEPARTMENT OF
HEALTH AND ENVIRONMENT

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August 31, 1984

SAMPLE NUMBER	DATE COLLECTED	OWNER	LOCATION	TYPE	RESULTS		RESULTS REPORTED
83-0103-A	06/22/83	Department of Energy	East Boundary Road 2.5 miles from gate	animal turtle - muscle	140.	ppb	08/31/84
83-0103-B	06/22/83	Department of Energy	East Boundary Road 2.5 miles from gate	animal turtle - liver	5000.	ppb	08/31/84
83-0104-A	06/22/83	Department of Energy	East Boundary Road 0.8 miles from gate	animal turtle - muscle	1.9	ppb	08/31/84
83-0104-B	06/22/83	Department of Energy	East Boundary Road 0.8 miles from gate	animal turtle - liver	5100.	ppb	08/31/84
83-0718A-A	10/06/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - muscle	.20	ppb	08/31/84
83-0718-B	10/06/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - liver	72.	ppb	08/31/84
83-0719-A	10/06/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - muscle	2.7	ppb	08/31/84
83-0719-B	10/06/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - liver	120.	ppb	08/31/84
83-0720-A	10/06/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - muscle	300.	ppb	08/31/84
83-0720-B	10/06/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - liver	570.	ppb	08/31/84
83-1433-A	10/07/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - muscle	160.	ppb	08/31/84
83-1433-B	10/07/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - liver	440.	ppb	08/31/84

August 31, 1984

SAMPLE NUMBER	DATE COLLECTED	OWNER	LOCATION	TYPE	RESULTS		RESULTS REPORTED
83-1434-A	10/07/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - muscle	110.	ppb	08/31/84
83-1434-B	10/07/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - liver	910.	ppb	08/31/84
83-1435-A	10/07/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - muscle	270.	ppb	08/31/84
83-1435-B	10/07/83	Department of Energy	Confluence of East Fork Poplar Creek & Poplar Creek	animal turtle - liver	490.	ppb	08/31/84
84-1200	06/13/84	Wayne Clark	O. R. Turnpike, Property 564 (20,60)	soil flood plain surface	2100.	ppm	08/31/84
84-1412	07/17/84	Jim Anderson	104 West Lincoln Road (60,0)	soil yard surface	.12	ppm	08/31/84
84-1413	07/17/84	Jim Anderson	104 West Lincoln Road (60,10)	soil yard surface	.11	ppm	08/31/84
84-1414	07/17/84	Jim Anderson	104 West Lincoln Road (60,20)	soil yard surface	.18	ppm	08/31/84
84-1415	07/17/84	Jim Anderson	104 West Lincoln Road (60,30)	soil yard surface	.22	ppm	08/31/84