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South Texas Project
Units 1 & 2
Docket Nos. STN 50-498 & 50-499
Annual Radiological Environmental Operating Report for 1991

Pursuant to the South Texas Project (STP) Technical Specification 6.9.1.3, attached is a copy of the Annual Radiological Environmental Operating Report for the calendar year 1991.

If you should have any questions on this matter please contact Mr. H. W. Bergendahl at (512) 972-7779.

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Attachments: Annual Raliological Environmental

Operating Report for 1991

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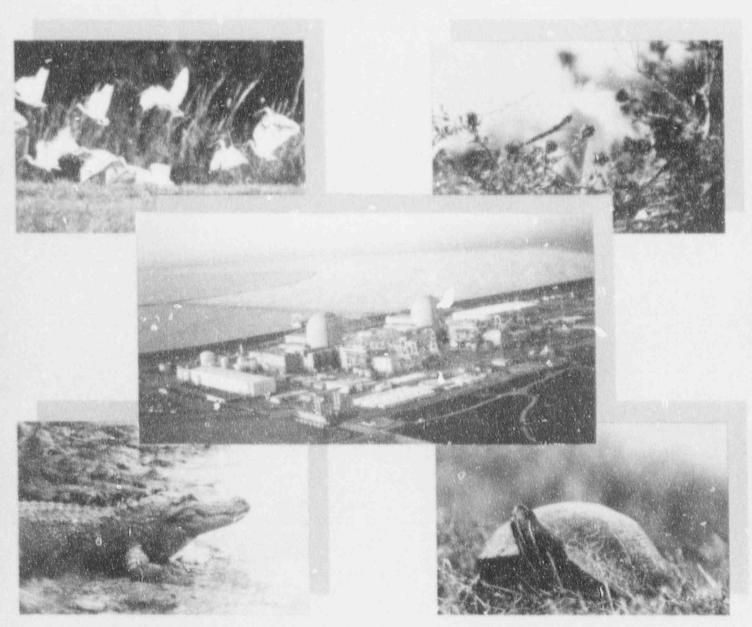
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Annual Radiological Environmental Operating Report 1991



ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

FOR

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION 1991

PREPARED BY:

RADIOLOGICAL LABORATORY

TECHNICAL SERVICES DEPARTMENT

HOUSTON LIGHTING & POWER COMPANY

APRIL 1992

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EXECUTIVE SUMMARY

The 1991 Radiological Environmental Operating Report provides the results of data collected and analyzed for the Radiological Environmental Monitoring Program (REMP) during 1991.

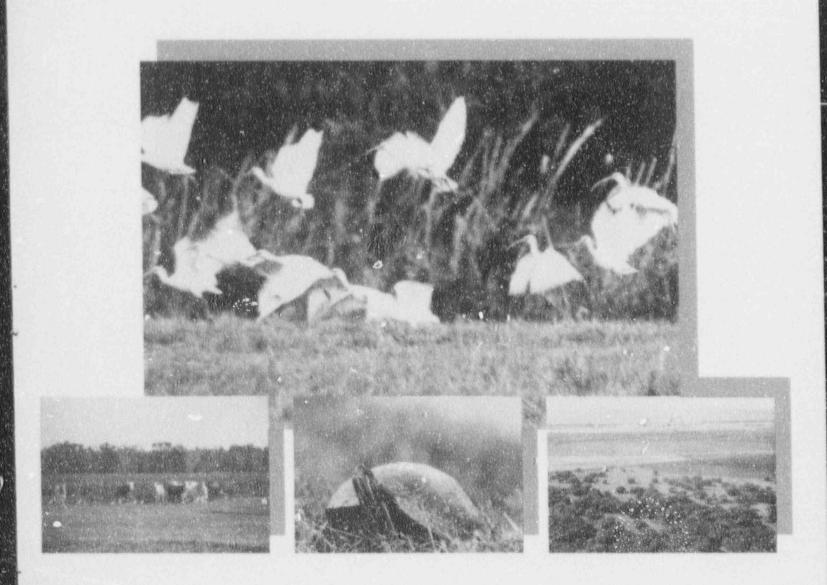
The objective of the REMP is to verify that the South Texas Project Electric Generating Station (STPEGS) is operating within its design parameters and to assure effluent release into the environment do not result in a significant dose to individuals off-site. This objective is accomplished by thoroughly evaluating known and predictable relationships between the plant and the environment while performing additional evaluations where unique relationships exist. Approximately 2,000 analyses of air, water, soils, sediments, vegetation, and meat products were performed during 1991.

No nuclides of interest or elevated levels of radioactivity were measured in samples taken from the environment around the plant site. This has special significance since the analysis sensitivities were significantly lower than required. The tritium level measured on-site in the Main Cooling Reservoir (MCR) was one third the predicted concentration.

A special study was performed in 1991 to evaluate the behavior of radionuclides in liquid effluents released into the MCR. This study showed that the majority of the Cobalt-60 in the MCR is fixed to the bottom sediments and is not expected to migrate off-site to the river. Calculations show that the dose from the Cobalt-60 to a hypochetical person living on-site and consuming water and fish from the MCR was one thousandth of the exposure from natural resources.

In conclusion, the data shows no radioactive material originating from STPEGS has been deposited in the environment around the site and the doses calculated based on measured effluents in 1991 indicate that STPEGS operations continue to have no adverse effect on the general public or the environment.





SITE AND AREA DESCRIPTION

The South Texas Project Electric Generating Station (STPEGS) is located in rural southwest Matagorda County approximately 12 miles south of Bay City and 90 miles southwest of Houston. Matagorda County has a population of approximately 38,000. The site is approximately 11 miles north of Matagorda Bay/Gulf of Mexico and lies on the west bank of the Colorado River.

Within a ten-mile radius of STPEGS there are several communities of a few hundred people or less. Matagorda, being the exception, is located 8 miles southwest of the site and has a population of nearly 2,000. The nearest full-time residence is in the West-southwest sector approximately 2.4 miles from the containment buildings. The nearest development is Selkirk Island/Exotic Island which represents approximately 500 homesites and is located 4 miles southeast of the containment buildings. These developments are primarily utilized for recreational purposes or retirement investment. The nearest population center, as defined in 10CFR20 is the city of Victoria, Texas, which had a population of 55,076 in 1990. Victoria's nearest corporate boundary is 59 miles west of the site.

STPEGS consists of two 1250 megawatt Westinghouse Corporation pressurized water reactors (PWR). Unit 1 received a low-power testing license on August 21, 1987, obtained initial criticality on March 8, 1988 and was declared commercially operational by HL&P management on August 25, 1988. Unit 2 received a low-power testing license on December 16, 1988, obtained initial criticality on March 12, 1989 and was declared commercially operational on June 19, 1989.

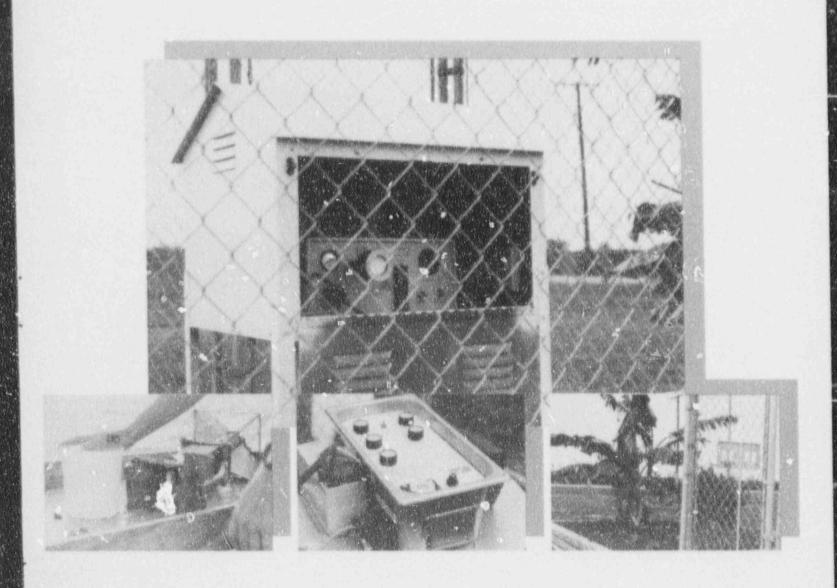
The units are situated on an approximately 12,300-acre site. A 10 mile radius map and site area map can be found in the Program Description section of this report for reference. Sixty-five (65) acres are modified or occupied by the plant and plant facilities while approximately 7,000 acres make up the aboveground cooling reservoir. Numerous smaller bodies of water on-site include the essential cooling pond, Kelly Lake and a number of drainage ditches, sloughs and depressions. The majority of the land east of the cooling reservoir and bounded by the Colorado River is leased for cattle grazing. Approximately 1700 acres remain in a more natural state as a lowland habitat. The surrounding area is characterized by coastal plain with farmland and pasture predominating. The local relief of the area is characterized by flat land, approximately 23 feet above sea level.

The economic base for this area is agricultural related. Consequently, the majority of the land in the vicinity of the site is utilized for the production of five major agricultural crops: beef, rice, milo, soybeans and cotton. In addition to the agriculture industry, there is commercial fishing in the lower Colorado River, East and West Matagorda Bays, Intercoastal Canal and the Gulf of Mexico. Currently shrimp, oysters, and or ab are the target commercial fish while fin fishes have been less important commercially in recent years.

Although the surrounding area is heavily cultivated, significant amounts of woodlands, thicket, brush, fields, marsh and open water exist to support wildlife. The area lies in the southern region of the central flyway and hosts an abundance of migratory birds while the local estuary environments provide the necessary habitat for a variety of fish types to complete their life cycles. The area is well suited for recreational hunting and fishing.

The climate of the region is subtropical maritime, with continental influcte, and is characterized by short mild winters and long hot and humid summers. The winter season's average temperature is 55°F and the summer's average is 80°F, with an annual monthly average of 68°F. Rainfall is usually abundant throughout the year with a yearly average of 42 inches. The prevailing wind direction is from south-southeast from spring through fall, shifting to north-northeast during the winter months.





Stations identified on the maps can be referenced to station information found in Table 2. Figure 2 is a zone map used to identify mobile sample stations (e.g. active/inactive agricultural areas, wildlife etc.). Zone stations are not specified in Table 2. The zone station number is determined in the following manner when referencing Figure 2:

- o The first character of the station number is "Z" to identify it as a zone station.
- o The second character is the direction coordinate numbers 1-8.
- o The third character is the distance from site numbers 1-6.

Figure 3 is a map of the MCR divided into five regions. Region I is located closest to the effluent release point into the MCR and Region V the most distant. The MCR is also divided into hundreds of grids (not shown) that have been cross referenced to their respective latitude and longitude coordinates. These grids can be evaluated as distinct sample locations or combined with other grids making up an MCR region.

Program Status

Ninety-nine percent of the collection and analysis requirements found in Table 1 were completed in 1991. The seven program requirements not completed are discussed in Table 4, fample Collection and Analysis Deviations. All required analysis sensitivities were met and no measurements resulted in a non-routine report.

Critical pathway analysis requires that samples be taken from aquatic, atmospheric, and terrestrial environments. Samples of various media are selected to obtain data for evaluation of potential radiation dose to man. Sample types are based on established pathways and through experience gained at existing nuclear facilities. A special study was also performed by Houston ighting & Power in conjunction with Texas A&M University to evaluate site-specific wildlife sample types. Sample locations were determined after considering site meteorology, Colorado River hydrology, local demography and land use. Sampling locations were further evaluated and modified according to field and analysis experience.

Sampling locations may be referred to as an "indicator" or "control" station. Indicator stations are locations on- or off-site that are assumed to be influenced by plant discharges during plant operation. Control stations are locations where plant influence is not expected. Though most samples analyzed are accompanied by a control sample, it should be noted that this practice is not always possible or meaningful with all media types. Fluctuations in the concentration of radionuclides and direct radiation exposure at indicator stations will ultimately be evaluated with respect to analogous fluctuations at control stations. Indicator stations will also be compared and evaluated relative to characteristics identified during the preoperational REMP and meteorological conditions.

Program Implementation

The minimum collection and analysis requirements are described in Table 1, Radiological Environmental Monitoring Program. Additional samples from same or alternate locations may be collected and additional analytical analyses may be performed. Other operating requirements, including analysis sensitivity and non-routine operating, are described in the Off-site Dose Calculation Manual (ODCM). All requirements are monitored and controlled for compliance.

Table 2 gives the location description for the sample station, vector and media type sampled. The table is enhanced to differentiate between designated control locations, on-site indicator locations and off-site indicator locations. Table 3 is a listing of media code descriptions used in Table 2.

A number of maps and sample collection location methods are used to implement the program. Figure 1 includes two maps that identify permanent sample stations. One map includes stations in a 10-mile radius while the other is limited to on-site stations.

PROGRAM DESCRIPTION

Objectives

The South Texas Project Electric Generating Station initiated a comprehensive and fully implemented preoperational Radiological Environmental Monitoring Program (REMP) on July 1985. That program terminated on March 7, 1988 fulfilling the following objectives outlined in the NRC Regulatory Guide 4.1.

o Personnel training.

o Evaluation of procedures, equipment and techniques. o Identification of probable critical pathways to be

monitored after the plant was in operation.

 Measurement of background levels and their variations along anticipated critical pathways.

Since March 8, 1988, the REMP's operational objective has been to verify that the South Texas Project Electric Generating Station is operating within its design parameters and to assure effluent releases into the environment do not result in a significant dose to individuals off-site. In doing so, the evaluation of sensitive environmental analyses will confirm a controlled and predictable plant operation that results in an insignificant impact on the environment.

Design Philosophy

The REMP was designed and implemented by Houston Lighting & Power. The overall program design is written to meet the intent of the NRC November 1979 Branch Technical Position, An Acceptable Radiological Environmental Monitoring Program. The REMP's quality assurance program has been written to parallel the program described in NRC Regulatory Guide 4.15, Quality Assurance for Radiological Monitoring Program. Furthermore, the REMP design and operating philosophy parallels the EPA/Health Physics Society Committee Report, Upgrading Environmental Radiation Data, HPSR-2(1980) recommendation that, "if possible, the implementation of all program aspects should be under the direction of one organization separate group than fragmented into areas of responsibilities so that continuity and overall understanding are maintained." The report also states that reliable results and interpretations come from programs formulated and implemented by individuals who are knowledgeable in all facets of the program. Lastly, the report maintains that all aspects of the REMP have equal priorities and share primary objectives. In practice, sample selection and appropriate collection techniques have been viewed as important as the employment of state-of-the-art detection equipment and data analysis methods.

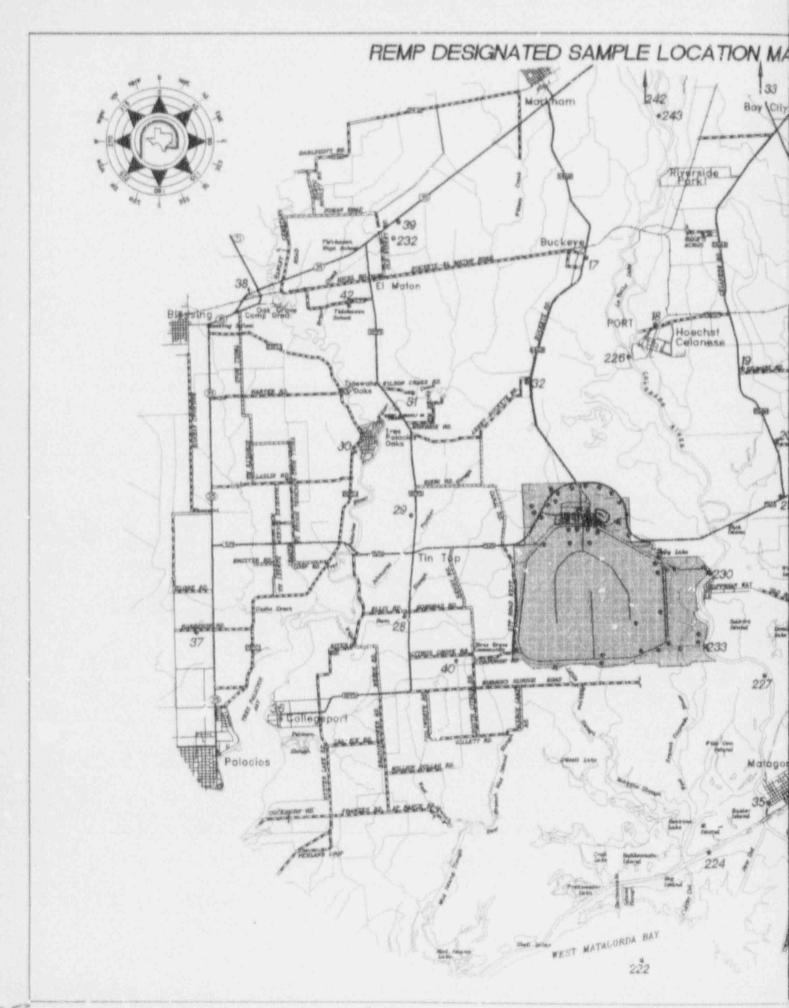
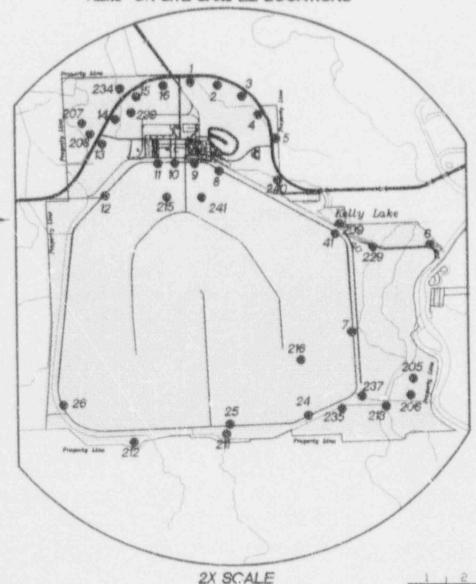


FIGURE 1

REMP ON SITE SAMPLE LOCATIONS



APERTURE CARD

podeworth

Also Available On Aperture Card

2X SCALE

S WILES

MAJOR ROAD ELEVATED SURFACE

PAVED ROAD LOW SURFACE

GRAVEL SURFACE

DIRT OR GRASS SURFACE

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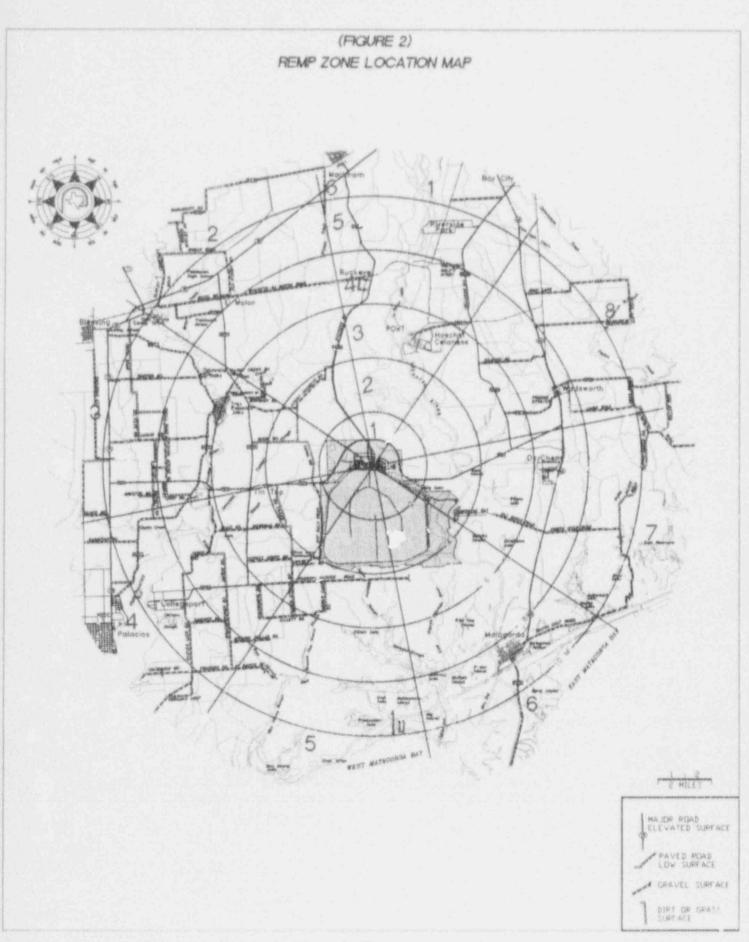
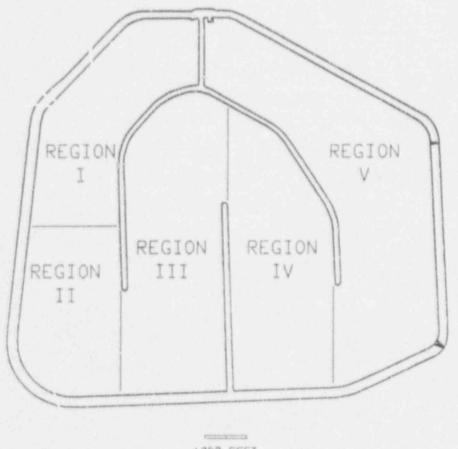


FIGURE 3 STPEGS MAIN COOLING RESERVOIR

REGION DESIGNATION



ARR SCALE





ANALYSIS OF RESULTS AND TRENDS

Annual Radiological Environmental Operating Report Summary

Table 5, 1991 Annual Radiological Environmental Operating Report Summary, is a digest of the REMP analytical data. All environmental analyses have been included in this evaluation including additional analyses not required by the minimal program. The summary has been formatted to resemble an NRC and industry standard. Modifications were made for the sole purpose of reading ease. The type of media is printed at the top left of each page, and the units of measurement are printed at the top right. The left-hand column contains the radionuclide followed by the total number of analyses of the radionuclide and the number of nonroutine measurements in the second column. For the purpose of this report, "non-routine" is a result exceeding the values listed in Table A-53 of the ODCM, Reporting Levels for Radioactivity Concentrations in Environmental Samples. The next column lists the average achieved Lower Limit of Detection (LLD) for each analysis type and the LLD requirement. The limits are found in Table A-52 of the ODCM, Detection Capabilities for Environmental Sample Those sampling stations which could conceivably be Analysis. affected by the operation of STPEGS are identified as "Indicators." Results data are reported using two significant digits in order to establish consistency in the report and to parallel established conventions in similar reports.

A set of statistical parameters are calculated for each radionuclide for each media. The parameter includes separate analyses for (1) the indicator stations, (2) the station having the highest annual mean concentration, and (3) the control stations. For each of these groups of data, the following is calculated:

- o The mean value (including negative values and values below the LLD).
- o The fraction of analyses that the results were greater than 3 times the random error.
- o The lowest and highest calculated concentration.

Typically, the achieved LLDs are significantly lower than the required limits. As an example, LLDs for gross beta in water will average a factor of five below the requirement while the LLD for gross beta in air particulate will be orders of magnitude below the committed level. In the case of I-131 in drinking water, no committed LLD is indicated. The reasoning is drinking water in the vicinity of STPEGS originates from deep wells in which I-131, with its 8.04-day half-life along with the slow migration of surface water to the aquifer, dose not constitute a pathway.

Similarly, there would also be no I-131 LLD indicated for stored grains (e.g. ric, soy bean, etc.) because of the long periods between sample harvest, sample collection and sample analyses.

In summary, positive measurements (e.g. tritium in the MCR and Co-60 in the MCR bottom sediments) were within anticipated ranges. There were no positive measurements of nuclides of interest from samples collected off-site. There were no non-routine measurements and all the achieved average LLDs were less than the committed sensitivities.

Trending and Data Interpretation

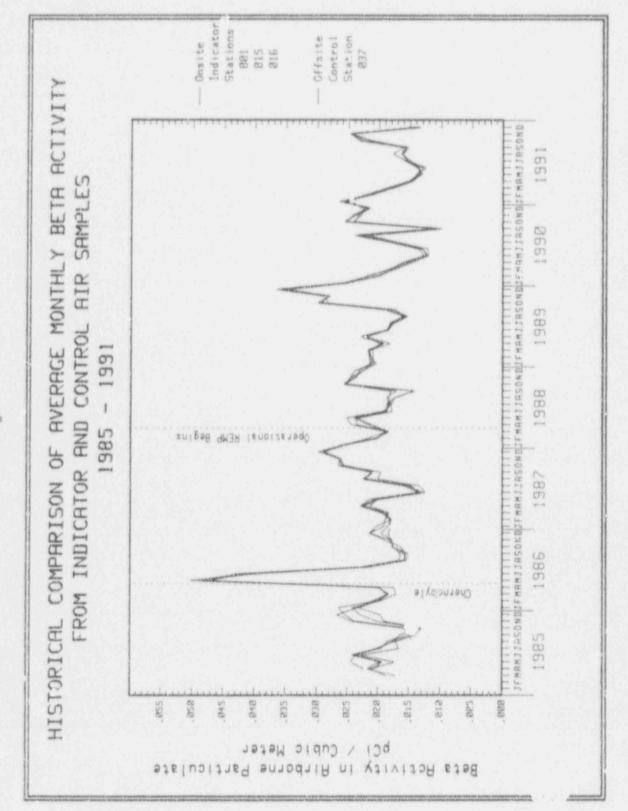
Data has been analyzed from a historical perspective as well as in comparison to critical variables such as wind direction.

Figure 4 is a historical comparison of average monthly beta activity from three on-site indicator stations and a single control station for air particulate samples. The control data trends identically to on-site data in preoperational and operational years. This analysis demonstrates that plant operations is not resulting in impact on particulate contamination even at the most strategically located monitoring stations. Figure 5 shows the annual gross beta in air particulate samples in relationship to wind direction. The bar illustrates the mean value and associated ±1 standard deviation. This graph also shows no significant difference between indicator stations and the control. The graph clearly shows that key indicator stations (#15 and #16) are not influenced by the plant although they are located in close proximity to the plant and in a leeward location.

Direct gamma radiation as measured by TLD is depicted in Figure 6. Again, the data from strategically located stations #15 and #16, shows no influence from plant operations.

Figure 7 illustrates the tritium concentration in surface waters for eight quarterly composite samples. Stations #226 and #227 are off-site control and indicator stations, respectively. The remaining stations are on-site indicators with #216 representing the MCR and the others representing adjacent ditches and sloughs. The tritium concentration in the MCR is increasing at a predictable rate and will reach equilibrium at a level below the predicted 21,000 pCi/L stated in the Updated Final Safety Analysis Report (UFSAR). Tritium enters the sloughs and ditches by way of the MCR relief well system. The activity at these locations is considerably less than in the MCR and is variable depending on how much run-off (rain) has occurred. With the exception of a single analysis resulting in a Co-60 concentration of <1 pCi/L for an MCR sample no other nuclide of interest has been identified in any

surface water sample. This particular analysis was 30 times more sensitive than the required analysis sensitivity. Future trending will include Co-60 in the MCR bottom sediments. Typically, the concentration levels range from nondetectable in MCR Region V to a few hundred pCi/Kg (dry weight) in MCR Region I (Figure 3). The majority of the Co-60 is found in MCR Regions I and II. Co-60 has not been detected in on-site slough or ditches, or in off-site waterway bottom sediment sample.



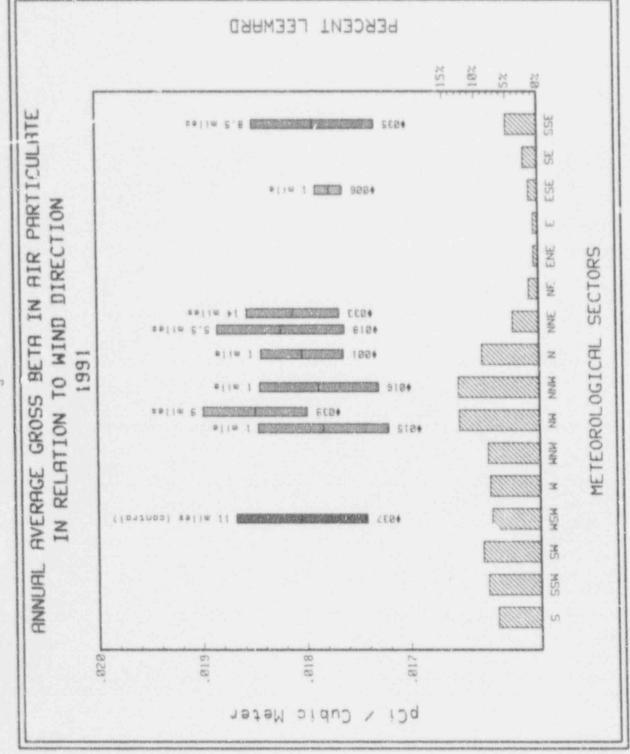
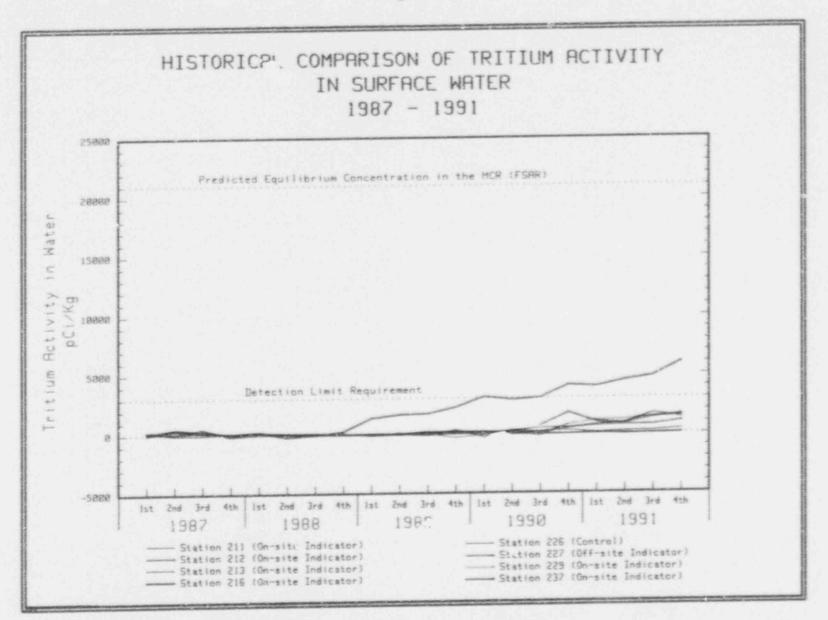


Figure 7







LAND USE CENSUS

Purpose/Design

The 1991 Land Use Census was performed in accordance with NRC Regulatory Guide 4.8, Environmental Technical Support Specifications for Nuclear Power Plants, which states "enumeration by using information from county agricultural agents or other reliable sources" is acceptable and fulfills the annual census requirements. Sixteen individuals were contacted in support of the census and a list of their names and affiliation are on file.

The regulatory guidelines define the census scope in relatively narrow terms (e.g. nearest resident, nearest garden, nearest milk cow, etc.), but where additional information was desirable (e.g. change in agricultural practices or irrigation modes), a broader scope was applied. The annual land use census process serves as an opportunity to assess the REMP and determine if program modifications are deemed necessary. This assures that the surveillance activities are relevant and based on current conditions. Information is obtained primarily from local authorities via direct contact or phone conversations. Additional sources included contact with utility personnel and information obtained while performing routine REMP field activities.

The five-mile radius area surrounding STPEGS was also surveyed by car. The primary objective was to verify the nearest resident in the sixteen meteorological sectors and also obtain other relevant information.

Results

The 1991 Land Use Census was submitted as a reference for the most current revision to the ODCM and the Semiannual Effluent Report. Highlights of the land use census are as follows:

- Broadleaf vegetation sampling is performed at the site boundary in the three most sensitive sectors and at a control location in lieu of the garden census. Broadleaf vegetation samples also satisfy the collection requirement when milk samples are not available.
- Agricultural and ranching practices remained unchanged in 1991. Irrigation practices remained consistent with past years depending primarily on the canal system originating at the Lower Colorado River Authority (LCRA) facility in Bay City. Production acreage for soybean and milo was slightly down from 1990 in Matagorda County, while cotton was more widely planted. County-wide total grain acreage was consistent with past years.

- No commercial dairies are located in Matagorda County. Milk from a dedicated cow and used exclusively for family consumption is not commonly practiced. No milk supply of this type was located.
- o Commercial vegetable farms (truck farms) are not located in Matagorda County. From time-to-time an individual resident may operate a small-volume fruit and vegetable stand with locally grown produce such as corn, pecans, and watermelon. However, these produce stands sometimes offer produce that is not locally grown.
- The Army Corps of Engineers (ACE) have completed the redirection of the Lower Colorado River into West Matagorda Bay. This project also includes the construction of a diversion dam just south of the intercoastal canal on the Colorado River and the development of recreational area along the mouth of the Colorado River. The targeted completion date for the dam construction is late 1992. Permanent water quality and habitat changes are expected in the Lower Colorado River and Matagorda Bay once the project is completed. For example, 5,000 acres of wetland habitat is predicted to be created over the next few decades in Matagorda Bay. No definitive information was provided that might suggest an impact on the reservoir makeup schedule. However, it is speculated that the proposed dam will reduce tidal flow and decrease salinity in region of the Colorado River near STPEGS's intake structure.
- o The 1991 Land Use Census identifies the nearest resident in nine of the sixteen sectors within the five-mile radius of STPEGS. Two additional sectors are also included because of the residents' close proximity to the five-mile radius reference. No changes are noted from the 1990 Land Use Census.

Sector	Distance (approx. miles)	Location
ESE	3.5	Selkirk Island
SE	3.5	Selkirk Island
SW	4.5	Citrus Grove
WSW	2.5	FM 521
W	4.5	FM 1095
WNW	4.0	Ashby-Buckey Road
NNW	3.5	Reynolds Ranch off FM 1468
N	3.5	Reynolds Ranch off FM 1468
NW	4.5	Wondirk Road
E	5.5	FM 521
ENE	5.2	FM 2668

There has been little change in the number of home sites (full time residents) within the five-mile radius since the 1990 survey. The number of home sites are approximately 2001; and over 150 of these are located on Selkirk Island, four miles east of STPEGS. Matagorda County population was approximately 38,000 in 1991; virtually unchanged from the 1990 census.

1990 Open Item

A drainage ditch originating immediately northeast of the protected ar a on-site was identified in 1990 and added to the collection program. Changes to Part B of the ODCM reflecting this change have been approved. This item is now closed.

ecommendations

and Use Census did not produce any new information that alt in changes to the REMP. The existing surveillance ts continue to be effective in assessing the radiological stal quality of STPEGS environs.





CALITY ASSURANCE

Design

The quality assurance program for the Radiological Environmental Monitoring Program has been designed to meet the intent of Regulatory Guides 4.15 Part C and 4.1. EPA documents 600/7-77-088, 600/8-78-008, and 600/4-79-019 were also consulted in the overall program design. Quality is measured and assessed by four distinct methods:

- 1. Houston Lighting & Power Nuclear Assurance Department
 - o Performs periodic surveillance of specific REMP activities throughout the year
 - o Performs an annual comprehensive audit of the REMP
 - o Provides for an independent technical review by a technical specialist
- 2. Radiological Laboratory Quality Assurance Program
 - o Routine instrument control checks including calibrations and calibration verification
 - o Initial and annual testing and analysis
 - o Intralaboratory quality control analyses
 - o Quarterly internal assessments
- 3. Interlaboratory Measurement Assurance Programs
 - o Participation in the U.S. Environmental Protection Agency's Intercomparison Studies Program
 - o Participation in the U.S. Citizens for Energy Awareness/National Institute of Standards and Technology (USCEA/NIST) Measurement Assurance Program for the Nuclear Industry
 - o Participation in the Battelle Pacific Northwest Laboratories' Measurement Assurance Program.
 - o Participation in an interutility measurement assurance program.

- 4. Periodic reviews by outside organizations or agencies (e.g. NRC, ANI, INPO, etc.)
 - o Perform programmatic content and effectiveness reviews in order to assure license compliance and establish the degree of compliance with select operational guidelines.

Results

The assessment process determined the radiological environmental program has sufficient depth to accurately monitor the plant's program complies with licensing and regulatory requirement. The provisions to initiate corrective action to prevent or limit departures from the requirements are effective.

Six performance objectives were identified to ensure a successful radiological surveillance program. They include analytical accuracy, analytical precision, analysis sensitivity, sample turnaround, scheduled collection and analysis compliance, and percent quality control samples analyzed. Performance, and the criteria vary from 95-100% compliance which is an attempt to weight performance objectives have been summarized and the performance controls. The identification and control of the performance objectives has resulted in a higher quality program.

Radioanalytical capabilities were demonstrated by periodic testing of environmental media similar to the analysis required by the REMP. Two acceptable laboratory measurement assurance programs specifically designed to measure environmental radioanalytical radioanalytical resting program. The radiological laboratory Comparison Program and these programs is illustrated in Figures 8 through 11. A 15% difference criteria for accuracy and precision (where applicable) the accuracy criteria was not met. Figure 9 shows a positive bias to multiple nuclides with multiple beta energies present in the a single nuclide with a dominant energy.

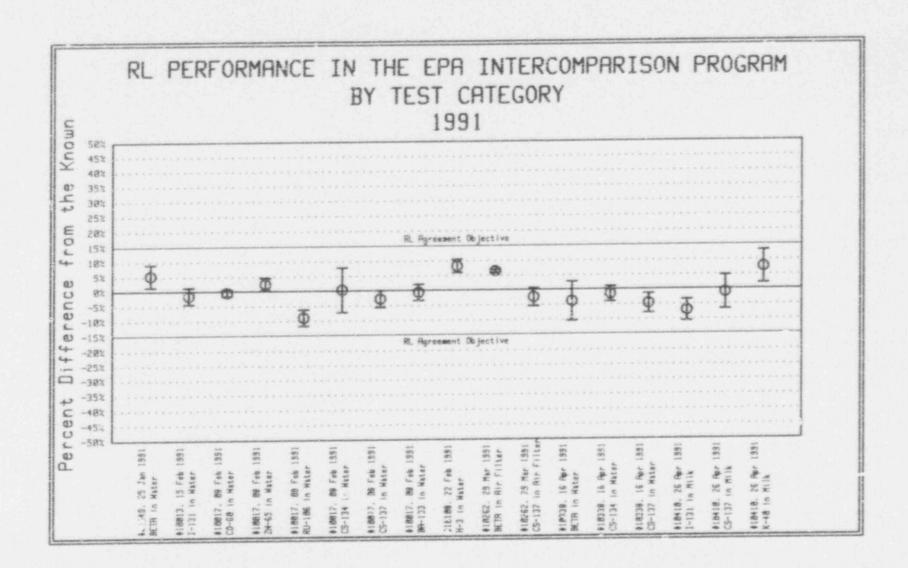
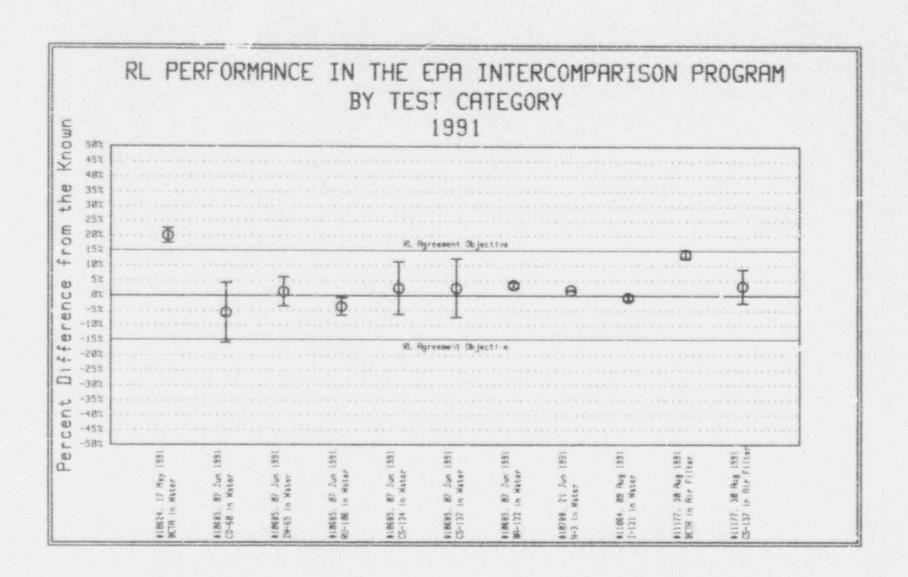
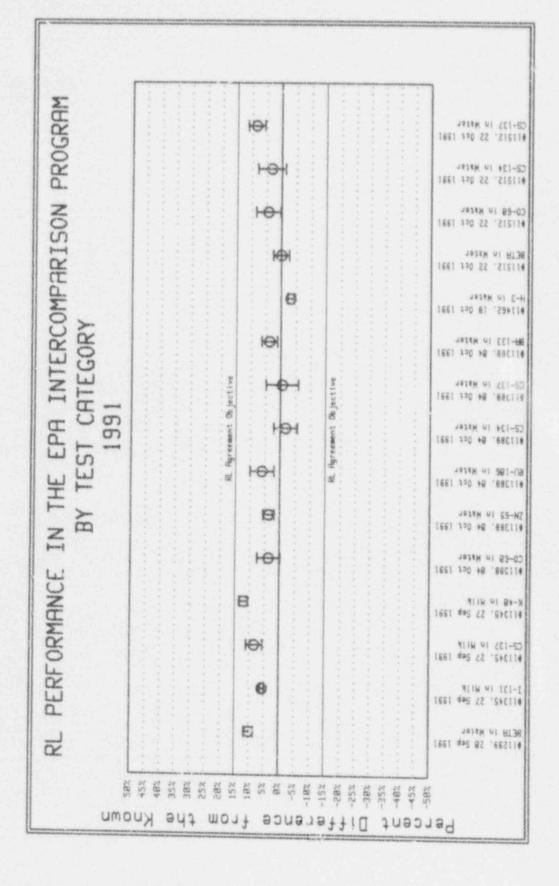
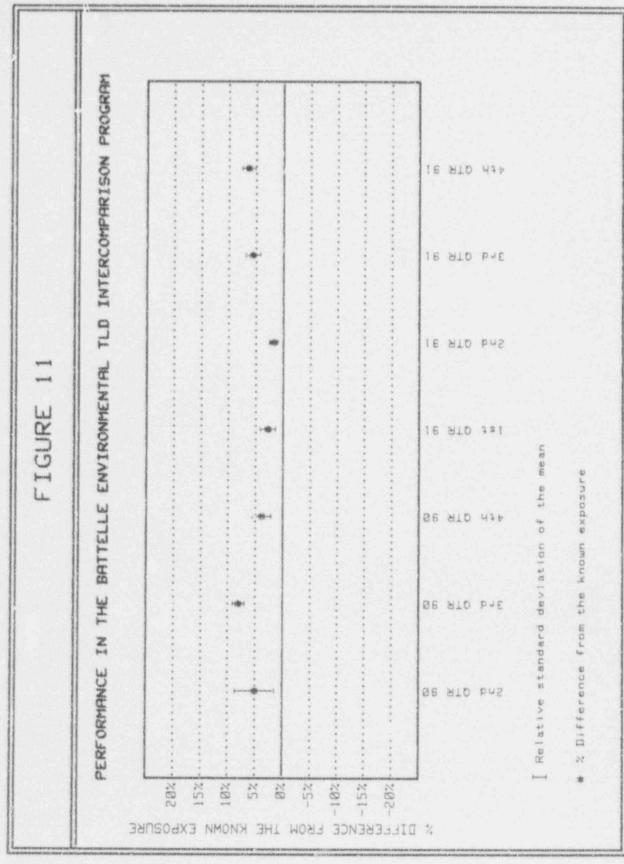


Figure 9









South Texas Project Electric Generating Station

Annual Radiological Environmental Operating Report 1991

TABLE 1
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

	Co.	llection			Ana	lvsis	
Exposure Pathway and/or Sample Media	Nominal Number of Sample Locations	Routine Nominal Collection Mode Frequency			Analysis Type	Minimum Analysis Frequency Quarterly	
Direct Radiation (TLDs)	Total Stations: 40 16 Stations located in sixteen sectors approximately 1 mile from containment. 16 Stations located in sixteen sectors 4-6 miles from containment. 6 Stations located in special interest areas (e.g. school, population center) within a 14-mile radius of containment. 2 Control Stations located in areas of minimal wind direction (W, ENE) 10-15 miles from containment.		Quarterly D1 & D2		Gamma		
Airborne a. Radioiodine & Particulates	Total Stations: 12 (5) 3 Stations located at the exclusion zone, approximately 1 mile from containment in the N, NNW, and NW sectors. 1 Station located in Bay City, 14 miles from containment. 1 Control Station located in a minimal wind direction (W) 11		Weekly	D1 & D2		Weekly	
b. Soils	(7) 5 Same as air stations.	Grab	Annually	D1 & D2	Gamma- Isotopic		

TABLE 1
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

	Col	Analysis				
Exposure Pathway and/or Sample Media	Nominal Number of Sample Locations	Routine Sampling Mode	Nominal Collection Frequency		Analysis Type	Minimum Analysis Frequency
Waterborne a. Surface	2 Stations located adjacent to farms within 5 miles of containment Total Stations: 21 (7) 1 Station located in reservoir at point of reservoir blowdown to Colorado River. 1 Control Station located above the site on the Colorado River not influenced by plant discharge. 1 Station approximately 2 miles downstream from blowdown entrance into Colorado River. 1 Station located near Site boundary in the Little Robbins Slough. 1 Station located near Site boundary in the East Fork of Little Robbins Slough. 1 Station located near Site boundary in the West Branch of the Colorado River . 1 Station located in drainage ditch north of reservoir that empties into the Colorado River upstream of the reservoir makeup pumping facility.	Composite (grab, if composite not available)	Monthly	D1 & D2		Monthly Quarterl Composit

TABLE 1
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

	Col	llection			Ana	alysis
Exposure Pathway and/or Sample Media	Nominal umber of Sample Lations	Routine Sampling Mode	Nominal Collection Frequency	Figure	Analysis Type	Minimum Analysis Frequency
b. Ground	(2) 1 Station located at well upgradient from the reservoir in the shallow aquifer. 1 Station located at well downgradient in the shallow aquifer.	Grab	quarterly	D1	Gamma- Isotopic Tritium	According to collec- tion frequency
c. Portable Water	(9) 1 Station located on site. 1 Control Station at Bay City	Grab	Monthly	D2	Gamma- Isotopic Gross	Monthly
					Tritium	Quarterly
d. Sediment	(10) 1 Station located near site boundary in the Little Robbins Slough. 1 Station located near site boundary in the East Branch of the Little Robbins Slough. 1 Station located near Site in the West Branch of the Colorado River. 1 Control Station located above the site on the Colorado River not influenced by plant discharge.		Semi- annually	D1 & D2	Gamma- Isotopic	According to collection frequency

TABLE 1
RADIOLOGICAL ENVIRONMENTAL MONITORING PRO RAM

	Col	lection			An	alysis
Exposure Pathway and/or Sample Media	Nominal Number of Sample Locations	Routine Sampling Mode	Nominal Collection Frequency	1		Minimum Analysis Frequency
	l Station located approximately 2 miles downstream from blowdown entrance into the Colorado River. l Station located in reservoir at point of reservoir blowdown to Colorado River. Station located in reservoir near circulating water discharge. Station located in the Colorado River where drainage ditch empties into it north of the reservoir makeup pumping facility. Station located in the Colorado River where the reservoir spillway discharge channel empties into it. Station located in drainage ditch originating NE of protected area that crosses Hwy 521 south of maintenance road and empties into Kelly Lake (a soil sample maybe taken in lieu of sediment sample during dry conditions).					
Ingestion a. Milk			pple in vici de to obtain			ilable)

TABLE 1
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

	Col1	ection			Ana	alysis
Exposure Pathway and/or Sample Media	Nominal Number of Sample Locations	Routine Sampling Mode	Nominal Collection Frequency	Figure	Analysis Type	Minimum Analysis Frequency
		Grab	Semi- monthly when on pasture, monthly at other times	D-3	Gamma- Isotopic Low Level I-131	According to collec- tion frequency
b. Broadleaf	(4)					
Vegetation	3 Stations located at the exclusion zone, approximately 1 mile from containment, in the N, NW, and NNW sectors. 1 Control Station located in a minimal wind direction (W), 11 miles from containment.	Grab	Monthly during growing season (when available)	D1 & D2	Gamma- Isotopic	According to collec- tion frequency
c. Agricultural Products	No sample stations have be a Presently no agricultural plant wastes will be disconsidered if these condi-	l land is i	rrigated by gricultural	water i	nto which	liquid
d. Terrestrial & Aquatic Animals (edible portions)	(3) 1 Sample representing commercially and/or recreationally important species in vicinity of STPEGS that maybe influenced by plant operation *1 Sample of same or analogous species in area not influenced by STPEGS.	Grab	Sample in season or semi- annually if they are not seasonal	D3	Gamma- Isotopic	According to collec- tion frequency

TABLE 1
RADJOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

	Coll	An	alysis			
Exposure Pathway and/or Sample Media	Nominal Number of Sample Locations	Routine Sampling Mode	Nominal Collection Frequency	Figure	Analysis Type	Minimum Analysis Frequency
e. Pasture Grass f. Domestic Meat	1 Sample of same or analogous species in the reservoir. (2) 1 Station located at the exclusion zone, in any of the three sectors (N, NW, NNW). 1 Control Station located 11 miles W. (1) 1 Sample represents domestic stock fed on crops exclusively grown within 10 miles of containment.	Grab	Quarterly (when cattle are on pasture)	D1 & D2	Gamma- Isotopic	According to collection frequency

TABLE 2

MEDIA CODE	FIG	CODE	VECTOR	LOCATION DESCRIPTION
DR AI AP VB VP SO	1	001	1 mile N	Exclusion Zone - FM 521
DR	1	002	1 mile NNE	Exclusion Zone - FM 521
DR	1	003	1 mile NE	Exclusion Zone - FM 521
DR	1	004	1 mile ENE	Exclusion Zone - FM 521
DR	1	005	1 mile E	STPEGS Visitor Center - FM 521
DR AI AP SO	1	006	3.5 miles ESE	Site near reservoir makeup pumping facility
DR	1	007	3.5 miles SE	Site on Dike
DR	1	800	0.5 mile SSE	Site on Dike
DR	1	009	0.25 mile S	Site on Dike
DR	1	010	0.25 mile SSW	Site on Dike
DR	1	011	0.5 mile SW	Site on Dike
DR	1	012	1 mile WSW	Site on Dike
DR	1	013	1 mile W	Exclusion Zone - FM 521
DR	1	014	1 mile WNW	Exclusion Zone - FM 521
OR AI AP VB	1	015	1 mile NW	Exclusion Zone - FM 521
OR AI AP VB	1	016	1 mile NNW	Exclusion Zone - FM 521
DR	2	017	6 miles N	Buckeye - FM 1468

This station may be used to obtain the required aquatic samples in the vicinity of STPEGS that may be influenced by plant operations.

This station is not found on one of the figures.

^{*} Control Station

Media codes typed in bold satisfy collection requirement described in Table 1. Station codes printed in bold identify offsite locations.

TABLE 2

MEDIA CODE	FIG	CODE	VECTOR	LOCATION DESCRIPTION
DR AI AP SO	2	018	5.5 miles NNE	Hoescht Celanese Plant - FM 3057
DR	2	019	5 miles NE	FM 2668
DR	2	020	5 miles ENE	FM 2668
DR	2	021	5 miles E	FM 521
DR	1	022	7 miles ESE	Cain Chemical Plant, TX 60
DR	1	*023	16 miles ENE	Intersection of FM 521 and FM 2540
DR	1	024	4 miles SSE	Site on Dike
DR	1	025	4 miles S	Site on Dike
DR	1	026	4 miles SSW	Site on Dike
DR	1	027	2.5 miles SW	Site on Dike
DR	1	028	5 miles WSW	FM 1095
DR SO	1	029	4.5 miles W	FM 1095
DR	1	030	6 miles WNW	Tres Palacios Oaks, FM 2853
DR	1	031	5.6 miles NW	Wilson Creek Road
DR	1	032	3.5 miles NNW	FM 1468
DR AI AP SO	1	033	14 miles NNE	Bay City
DR	1	034	8 miles ENE	Wadsworth

This station may be used to obtain the required aquatic samples in the vicinity of STPEGS that may be influenced by plant operations.

[&]amp; This station is not found on one of the figures.

^{*} Control Station

Media codes typed in bold satisfy collection requirement described in Table 1. Station codes printed in bold identify offsite locations.

TABLE 2

MEDIA	CODE	FIG	STATION	VECTOR	LOCATION DESCRIPTION
DR AI	AP SO	1	035	8.5 miles SSE	Matagorda
DR		1	036	10 miles WSW	College Port
DR AI VP SO	AP VB	1	*037	11 miles W	Palacios Substation
DR		1	038	11 miles NW	Blessing
DR AI	AP SO	1	039	9 miles NW	El Maton
DR		1	040	4.5 miles SW	Citrus Grove
DR		1	041	2.6 miles ESE	Site on Dike
DR		1	042	8.2 miles NW	FM 459 at Tidehaven Intermediate School
WG		1	205	4 miles SE	Well #446A, .5 Mile nort of reservoir blowdown canal (30' deep)
WG		1	206	4 miles SE	Well #446, .5 Mile north of reservoir blowdown canal (75' deep)
WG		1	*207	1.5 miles W	Well #603A, .25 mile wes cf TX 521 (75' deep)
WG		1	*208	1.5 miles W	Well #603B, .25 mile wes of TX 521 (150' deep)
WS		1	209	2 miles E	Relly Lake
WD		٨	210	On Site	Approved drinking water supply from STPEGS
WS SS		1	211	3.5 miles S	Site, E. Branch Little Robbins Slough

This station may be used to obtain the required aquatic samples in the vicinity of STPEGS that may be influenced by plant operations.

[#] This station is not found on one of the figures.

^{*} Control Stution

Media codes typed in bold satisfy collection requirement described in Table 1. Station codes printed in bold identify offsite locations.

TABLE 2

MEDIA (CODE	FIG	CODE	VECTOR	LOCATION DESCRIPTION
ws ss		1	212	3.5 miles S	Little Robbins Slough
WS SS		1	213	3 miles SE	Site, W. Branch Colorado River
		1	214+	2 miles E	Makeup Water Discharge (Reservoir)
		1	215*	1 mile SW	Site, Reservoir - Circulating water discharge
ws		1	216*	3 miles SSE	Site, Reservoir - blowdown
		4	217+		Region 1 (mouth of Colorado River to marker 1)
WS F1	F2 F3	*	218+		Region 2 (marker #1 to marker #27)
		4	219+		Region 3 (marker #27 to Highway 521 overpass)
cc		6	*220*		Region 4 (Highway 521 overpass to Bay City Day
SS F1 WS	F2 F3		*221		Region 5 (Above Bay City
F1 F2 CS OY	F3 CC	4	222*	>10 miles	West Matagorda Bay
		1	223+	>10 miles	East Matagorda Bay
		1	224+	>10 miles	West Intercoastal Canal

This station may be used to obtain the required aquatic samples in the vicinity of STPEGS that may be influenced by plant operations.

A This station is not found on one of the figures.

^{*} Control Station

Media codes typed in bold satisfy collection requirement described in Table 1. Station codes printed in bold identify offsite locations.

TABLE 2

MEDIA CODE	FIG	STATION	VECTOR	LOCATION DESCRIPTION
And the second s	1	225+	>10 miles	East Intercoastal Canal
WS	1	*226	5.5 miles NNE	Colorado River at Hoescht Celanese Plant
ws ss	1	227	6 miles SE	West bank of Colorado River 1.5 miles downstream of STPEGS across from channel marker #22
WD	4	*228	14 miles NNE	Bay City Public water supply
WS	1	229	1 mile SE	Drainage ditch north of reservoir that empties into the Colorado River upstream of the reservoi makeup pumping facility
SS	1	230	3.5 miles ESE	Colorado River at point where drainage ditch (station #229) empties into it
50		231	11 miles W	Soil in vegetation plot at station #37
so	1	232	9 miles NW	Farmland behind station #39
F1 F2 F3 CC SS WS	1	233+	4.3 miles SE	Colorado River where blowdown discharge channel empties into it
so	1	234	1 mile NW	Farm across from station #15

This stacion may be used to obtain the required aquatic samples in the vicinity of STPEGS that may be influenced by plant operations.

A This station is not found on one of the figures.

^{*} Control Station

Media codes typed in bold satisfy collection requirement described in Table 1. Station codes printed in bold identify offsite locations.

TABLE 2

FIG	CODE	VECTOR	LOCATION DESCRIPTION
1	235	3.8 miles S	Well B-3 directly south from reservoir
	236		STPEGS Protected Area
1	237	3.7 miles SE	Blowdown discharge channel from reservoir
	238	3.7 miles S	Reservoir relief well
1	*239	1 mile NW	Well B-1B, near REMP sampling station #15
1	240	1 mîle E	Drainage ditch originating NE of protected area that crosses Hwy 521 south or main entrance road and empties into Kelly Lake
1	241	<1 mile S	Reservoir - Circulating water intake
1	*242	>10 miles NNE	Colorado River where it intersects Highway 35
1	243	>10 miles N	Colorado River upstream of Bay City Dam at the LCRA pumping station
3	300+	<1 mile S	STPEGS Main Cooling Reservoir
	1 1 1 1	FIG CODE 1 235 236 1 237 238 1 *239 1 240 1 241 1 *242 1 243	### PIG CODE VECTOR

This station may be used to obtain the required aquatic samples in the vicinity of STPEGS that may be influenced by plant operations.

A This station is not found on one of the figures.

^{*} Control Station

Media codes typed in bold satisfy collection requirement described in Table 1. Station codes printed in bold identify offsite locations.

MEDIA CODE	FIG	STATION	VECTOR	LOCATION DESCRIPTION
SS F1 F2 F3	4	301-631*		Grids located in main cooling reservoir. One SS shall be taken at any of the grids 304, 305, 312-314, 323-326 and another one at any of the grids 364-566 or 584-586

This station may be used to obtain the required aquatic samples in the vicinity of STPEGS that may be influenced by plant operations.

A This station is not found on one of the figures.

^{*} Control Station

Media codes typed in bold satisfy collection requirement described in Table 1. Station codes printed in bold identify offsite locations.

TABLE 3

SAMPLE MEDIA CODES

AI	Airborne Radioiodine	M5	Eggs
AP	Airborne Particulate	M6	Game Dear
AS	(Ash Sludge) Ash tank	M7	Alligator
as	(Water portion of AS)	M8	Rabbit
BE	Wild Blackberries	Nl	Pecans
B1	Resident Dabbler Duck	N2	Acorns
B2	Resident Diver Duck	OY	Oyster
B3	Migratory Dabbler Duck	RA	Rooted Aquatic
B4	Migratory Diver Duck		Vegetation
B5	Goose	SB	Soybean
B6	Dove	SO	Soil
87	Quail	SS	Shoreline Sediment
B8	Pigeon	UR	Urine
CC	Crustacean Crab	VB	Broadleaf Vegetation
CS	Crustacean Shrimp	L1	Banana Leaves
DR	Direct radiation	L2	Cana Leaves
FD	Food	L3	Lettuce
	Fish - Piscivorous	L4	Turnip Greens
F2	Fish - Crustacean &	1.5	Cabbage
	Insect Feeders	L6	Collard Greens
F3	Fish - Plantivores &	VC	Corn
	Detritus Feeders	VP	Pasture Grass
MC	Cow Milk	VR	Rice
MG	Goat Milk	VS	Grain Sorghum
ML	(Mixed Liquid)	WD	Drinking Water
	Aeration Tank	WG	Ground Water
nl	(Water portion of ML)		Rain Water
41	Beef Meat	WS	Surface Water
	Poultry Meat	_	
VI3	Wild Swine		
M4	Domestic Swine		
2.0.2	DOMODOTO DATIO	14 Table 1 1	

TABLE 4
SAMPLE COLLECTION AND ANALYSIS DEVIATIONS

Item	Media Code	Location # and/or Sample #	Prescribed REMP Activity	Deviation and/or Deficiency	Comments
1	WG	#255	quarterly sample collection/ gamma isotopic and tritium analysis	not collected	The sample location was unaccessible due to local flooding.
2	WG	#239	quarterly sample collection/ gamma isotopic and tritium analysis	3rd qtr sample not collected	The pump did not or erate sufficiently to collect a well sample.
3	WG	#239	quarterly sample collection/ gamma isotopic and tritium analysis	4th qtr sample not collected	The sample location was unaccessible due to local flooding.
4	AI	#016 G10387	monthly sample collection/ gamma isotopic analysis	data rejected, results not reported	Electrical and/or mechanical abnormal- ity or failure associated with the sampler.
5	AP	#016 B10397	weekly sample collection/ gross beta analysis	data rejected, results nct reported	Electrical and/or mechanical abnormal- ity or failure associated with the sampler.
6	AI	#001 G10923	monthly sample collection/ gamma isotopic analysis	data rejected, results not reported	Electrical and/or mechanical abnormal- ity or failure associated with the sampler.
7	AP	#001 B10933	weekly sample collection/ gross beta analysis	data rejected, results not reported	Electrical and/or mechanical abnormal- ity or failure associated with the sampler.

TABLE 5

MEDIUM: Drinking Water

UNITS: pci/Kg

ANALYSIS TYPE	TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	WITH HIGHEST ANNUAL MEAN MEAN (f) ** RANGE	CCATROL LOCATIONS MEAN (†) ** RANGE
Seta	257 0	1.9E+00 4.0E+00	4.6E+00 (10 / 12) (9.5E-01 + 1.5E+01)	On Site (#210)	4.6E+90 (10 / 12) (9.5E-01 = 1.5E+01)	3.2E+00 (10 / 13) (1.2E+00 ~ 4.4E+00)
H-3	11/0	2.8E+02 3.0E+03	-3.9E+01 (0 / 6) (-1.1E+02 + 3.3E+01)	14 miles NNE (#228)	-3.1E+01 (0 / 5) (-7.8E+011.2E+00)	-3.1E+01 (9 / 5) (-7.8E+011.2E+00)
1-131	25/ 0	4.15+00	-4.2E-01 (0 / 12) (-3.5E+00 + 2.1E+00)	On Site (#210)	-4.2E-01 (0 / 12) (-3.5E+00 + 2.1E+00)	-6.9E-01 (0 / 13) (-2.2E+00 * 1.0E+00)
Cs-134	25/0	2.0E+60 1.5E+01	-3.7E+00 (0 / 12) (-1.5E+01 ~ 4.9E-01)	On Site (#210)	-3.7E+60 (0 / 12) (-1.5E+01 + 4.9E-01)	-5.6E+06 (0 / 13) (-2.9E+015.5E-01)
Cs-137	25/0	2.0E+00 1.8E+01	-2.0E-01 (0 / 12.) (-1.3E+00 + 6.8E-01)	On Site (#210)	-2.0E-01 (0 / 12) (-1.3E+00 - 6.8E-01)	-2.1E-01 (0 / 13) (-1,7E+00 + 8.2E-01)
Mn-54	25/0	1.8E+00 1.5E+01	-1.9E-02 (0 / 12) (-7.0E-01 + 9.6E-01)	14 miles NNE (#228)	1.9E-01 (0 / 13) (-6.5E-01 = 1.0E+09)	1.9E-61 (0 / 13) (-6.5E-01 + 1.0E+00)
Fe-59	25/ 0	3.8E+00 3.0E+01	-5.1E-02 (0 / 12) (-1,4E+00 + 1,4E+00)	14 miles NNE (#228)	8.2E-03 (0 / 13) (-1.3E+00 - 1.7E+00)	803 (0 / 13) (-1.3E-00 - 1,7E-00)
Co-58	25/ 0	1.9E+00 1.5E+01	-1.9E-02 (0 / 12)	On Site (#210)	-1.9E-02 (0 / 12) (-1.7E+00 = 2.0E+00)	-7.6E-02 (0 / 13) (-1.4E+00 + 1.1E+00)
09-00	25/0	1.8E+00 1.5E+01	1.1E-01 (0 / 12) (-1.1E+00 ~ 1.3E+00)	On Site (#210)	1.1E-01 (0 / 12) (-1.1E+00 + 1.3E+00)	-5.5E-02 (0 / 13) (-1.3E+00 + 9.8E-01)
Zn-65	25, 0	3,8E+00 3,0E+01	-2.1E+90 (0 / 12) (-1.1E+01 + 9.4E-01)	On Site (#210)	-2.1E+00 (0 / 12) (-1.1E+01 + 9.4E-01)	-3.0E+00 (0 / 13) (-1.5E+01 = 2.3E+00)
2r-95	25/0	3,46+04	-1.9E-01 (0 / 12) (-1.7E+00 + 6.5E-01)	On Site (#210)	-1.9e-01 (0 / 12) (-1.7e+00 ~ 6.5e-01)	-5.9E-01 (0 / 13) (-2.3E+00 + 1.1E+00)
NP-95	25, 0	2.2E+00 1.5E+01	4.2E-01 (0 / 12) (-2.5E+00 + 3.8E-01)	14 miles MNE (#228)	-2.6E-01 (0 / 13) (-2.5E+00 + 7.8E-01)	-2.6E-01 (0 / 13) (-2.5E+00 - 7.8E-01)
Ba-140	25/ 0	8.4E+00 1.0E+03	-1.5E+00 (0 / 12) (-4.8E+00 + 2.1E+00)	14 miles NNE (#228)	-4,4E-01 (0 / 13) (-6,5E+00 + 7,4E+00)	-4.4E-01 (0 / 13) (-6.5E+00 = 7.4E+00)
140	25/ 0	1.3£+01	3.1E-02 (0 / 12 ; (-1.2E+00)	On Site (#210)	3.1E-02 (0 / 12) (-1.2E+00 + 1.1E+00)	-5.15+00 (0 / 13) (-6.45+01 = 3.05+00)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- PISED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

MEDIUM: Ground Water

UNITS: pci/Kg

TYPE	TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH HIGHEST LOCATION IMPOTATION	HIGHEST ANNUAL MEAN MEAN (f) ** RANSE	CONTROL LOCATIONS MEAN (f) ** RANGE
E-3	15/ 0	3.7E+02 3.0E+03	9.8E+02 (5 / 9) (2.0E+01 + 2.3E+03)	3.7 miles S (#238)	1.7E+03 (5 / 5) (7.4E+02 + 2.3E+03)	2.1E+01 (0 / 6) (-9.0E+01 - 1.0E+02)
1-131	18/ 0	3.92+00	-1,1E+00 (0 / 12) (-4,6E+00 - 6,2E-01)	1.5 miles W (#207)	1.2E-01 (0 / 3) (-9.2E-01 = 1.8E+00)	-f.6E-01 (6 / 6) (-1.2E+00 - 1.8E+00)
Cs-134	18, 0	2.0E+00 1.5E+01	-3.3E+00 (0 / 12) (-1.5E+01 +-2.2E-01)	1.5 giles W (#207)	-9.6E-01 (0 / 3) (-1,4E+006.7E-01)	-1.2E+00 (0 / 6) (-1.9E+00 =-6.7E-01)
Cs-137	18/ 0	2.0E+00 1.8E+01	-1,0E-01 (0 / 12) (-1,4E+C3 + 8,3E-01)	4 7 tes 52 (#206)	3.4E-01 (0 / 2) (1.5E-01 + 5.4E-01)	-1.2E-01 (0 / 6) (-5.3E-01 = 3.9E-01)
Mry-54	18/ 0	1,8E+00 1,5E+01	-1.1E-01 (0 / 12) (-9.9E-01 + 6.1E-01)	4 miles SE (#206)	1.3E-01 (0 / 2) (-2.0E-01 = 4.6E-01)	3.3E-02 (0 / 6) (-3.1E-01 - 4.6E-01)
Fe-59	18/ 0	3.6E+00 3.0E+01	-4.5E-01 (0 / 12)	4 miles SE (#205)	1.5E+00 (0 / 1) (1.5E+00 ~ 1.5E+00)	1.1£+00 (0 / 6) (4.1£-01 = 1.9£+00)
Co-58	18/ 0	2.0£+00 1.5£+01	(-1, ue, 0 / 12)	4 miles SE (#205)	6.6E-01 (0 / 1) (6.6E-01 + 6.6E-01)	1,6E-01 (0 / 6)
09-03	18/ 0	1.9E+00 7.5E+01	3.5E-01 (0 / 12) (-5.9E-01 + 1.9E+00)	3.8 miles S (#235)	5.2E-01 (0 / 4) (3.8E-01 ~ 6.8E-01)	1,9E-01 (0 / 6) (-4,5E-02 + 7,7E-01)
20-65	18/ 0	3.6E+00 3.0E+01	-2,4E+00 (0 / 12) (-9,4E+007,8E-02)	4 miles SE (%206)	-7.2E-01 (0 / 2) (-1.4E+007.8E-02)	-1.5E+00 (0 / 6) (-2.9E+00 +-2.7E-01)
56-22	18/ 0	3.5E+00 1.5E+01	-3.6E-01 (0 / 12) (-2.3E+00 ~ 1.3E+00)	1.5 miles k (#208)	5.9E-01 (0 / 3) (3.5E-01 + 1.1E+00)	3.1E-01 (0 / 6) (-6.6E-01 + 1.1E+00)
86-98	18/ 0	2.1E+00 1.3E+01	-4.7E-01 (0 / 12) (-2.8E+00 - 4.3E-01)	3.8 miles s (#235)	1.8E-01 (0 / 4) (-2.8E-01 + 4.3E-01)	-2.6E-01 (0 / 6) (-1.5E+00 = 1.2E+00)
8a-140	18/ 0	7.6E+00 1.0E+03	-1.9E-01 (0 / 12) (-6.7E+00 - 8.3E+00)	3.7 miles 5 (#238)	1.4E+00 (0 / 5) (-5.1E+00 + 8.7F-nn)	7.0E-01 (0 / 6) (-2.3E+00 ~ 3.7E+00)
La-140	18/ 0	3.1E+00 1.5E+01	3.1E-01 (0 / 12) (-1.3E+00 = 4.7E+00)	3.7 m (es S (#238)	1.1E+00 (0 / 5) (-1.1E+00 = 4.7E+00)	(-4.2E-01 (0 / 6)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE S

UNITS: pCi/Kg

ANALYSIS	YOTAL ANALYSES/ NONROGY : YE MEASUREMENTS	LUMER LIMIT OF DETECTION *	INDICATOR LOCATIONS NEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	LOCATION WITH AICHEST ANNIAL MEAN CATION REAN (f) ** ORMATION RANGE	CONTROL LUCATIONS MEAN (f) ** RANGE	mananag
	677.0	3,1E+02 3,0E+03	1.3E+03 (27 / 43)	3 miles SSE (#216)	4.3E+33 (7 / 7) (3.9E+03 × 6.0E+03)	-2.46+01 (0 / 4) (-9.56+01 = 8.45+01)	-
1-131	75/0	8.2E+00	-6.7E-01 (0 / 61) (-1.9E+01 = 7.2E+00)	5.5 miles ANE (#226)	1,2E+00 (0 / 16) (-2,6E+00 - 1,0E+01)	1.2E+00 (0 / 14.) (-2.6E+60 + 1.0E+01)	e de toud-des - chantrage
Cs-134	0 /92	2.9E+00 1.5E+01	-2.1E+00 (0 / 61)	3 miles 55E (#216)	-9.7E-01 (0 / 16 ; (-2.1E+00 + 9.3E-01)	-1, TE+00 (0 / 15) (-2, 5E+00 = 1, 3E-01)	-
Cs-137	76/ 0	2.0E+00 1.8E+01	-5.6E-02 (0 / 61) (-1.5E+00 - 1.3E+00)	3 miles SE (#215)	6.4E-01 (0 / 4) (-1.3E-01 = 1.3E+00)	-1.6E-01 (0 / 15) (-1.3E+00 = 8.9E-01)	
75-UM	0 /92	1.9E+00 1.5E+01	-8.0E-02 (0 / 61) (-1.9E+05 = 1.0E+00)	5.5 miles NWE (#226)	4.2E-01 (0 / 15) (-3.2E-01 = 1.6E+00)	4.2E-01 (0 / 15) (-3.2E-01 = 1.6E+00)	-
Fe-53	0 /92	\$, £2 + DD 3, DE + D1	1.4E-01 (0 / 61) (-3.1E-10 + 8.0E+00)	3.5 miles \$ (#212)	1.5E+00 (0 / 6) (-1.3E+00 - 8.0E+00)	7.0E-01 (0 / 15) (-2.0E+00 = 4.8E+00)	mozens snip
Co-58	76/ 0	2.16+00	-2.4E-02 (0 / 61) (-1.8E+00 - 2.7E+00)	3.5 miles 5 (#211)	4.9E-01 (0 / 5) (-1.5E-01 = 8.8E-01)	1.5E-02 (0 / 15) c-7.7E-01 = 1.8E+00)	пинентир
09-03	0 /92	1.9E+00	1.6E-01 (1 / 61) (-3.1E+00 = 1.5E+00)	3,7 miles SE (#237)	9.3E-01 (0 / 1) (6.0E-01 + 1.5E-70)	(-5.9E-01 + 7.5E-01)	mountain ray
Zn-65	0 /92	3.7E+00 3.0E+01	-1.5£+00 (0 / 61) (-5.5£+00 - 1.3£+00)	5.5 miles anE (#226)	-3.0E-01 (0 / 15) (-2.1E+00 + 1.8E+00)	-3.0E-01 (0 / 15) (-2.1E+00 = 1.8E+50)	
2r-95	76/ 0	3.8E+00 1.5E+01	2.3E-91 (0 / 61) (-2.4E+00 = 3.2E+00)	1 mile SE (#229)	9.9E-01 (0 / 4) (2.3E-01 + 2.8E+00)	-1.2E-01 (0 / 15) 1-1.9E+00 = 2.6E+00)	-
10 - 02 H	747 0	2,56+00	-3.2E-03 (0 / 59) (-2.2E+00 = 5.9E+00)	1 mile SE (#229)	6.5E-01 (0 / 4) (-4.4E-02 - 1.46+00)	-1,5E-01 (0 / 15) (-1,5E+00 = 1,2E+00)	-
071-88	76/ 0	1,26+01	1.8E-01 (0 / 61) (-9.7E+00 = 2.0E+01)	6 miles SE (#227)	2.3E+00 (0 / 10 3 (-7.8E+00 * 2.0E+01)	2.3E+00 (0 / 15) (-5.0E+00 = 1.7E+01)	
19-140	76/ 0	4,86+01	-1.5E+01 (0 / 61) (-6.8E+02 = 5.8E+00)	5.5 miles NHE (#226)	2.8E+01 (0 / 15) (-2.7E+00 - 4.0E+C?)	2.8E+01 (6 / 15) (-2.1E+00 = 4.0E+02)	

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.) ** FRACTION OF PETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

UNITS: pci/Kg MEDIUM: Rain Water

ANALYSIS	TOTAL ANALYSES/ NONROLITINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	INDICATOR LOCATIL'S MEAN (f) ** RANGE	LOCATION WITH RIGHEST LUCATION INFORMATION	HIGHEST ANNIAL MEAN MEAN (;) ** RANGE	CONTROL LOCATIONS MEAN (f) *** RANGE
	0 /6	2,8E+02 3,0E+03	-1.1E+01 (0 / 4) (-9.4E+01 = 4.8E+01)	1 mile NWW (#016)	-1,1E+01 (0 / 4) (-9,4E+01 ~ 4,8E+01)	(-8.7E+0* - 2.7E+0*)
1-131	0 /6	1.8E+01	-7.4E+00 (0 / 4) (-2.0E+01 - 1.2E+00)	11 miles W (#037)	-1.2E-01 (6 / 5) 3.1E+00 + 1 0E+01)	(1E+00 = 1.0E+01)
Cs-134	0 /6	1.8E+00	-1,6E+00 (0 / 4) (-2,1E+005,6E-01)	11 miles W (#037)	-1.1E+00 (0 / 5) -2.2E+008.3E-01)	-1,1E+00 (0 / 5) (-2,2E+00 +-8,3E-01,
Cs-137	0 /6	1,8€+00	(-8.0E-01 (9 / 4.)	1 mile NSW (#016)	-1,3E-01 (0 / 4) (-8.0E-01 ~ 8.2E-01)	-4.9E-01 (0 / 5) (-1.6E+00 = 1.0E-01)
Mn-54	0 /6	1,7E+00 1,5E+01	-1.0E-01 (0 / 4) (-1.5E-00 - 1.1E+00)	11 miles W (#037)	9.4E-02 (0 / 5) (-6.0E-01 = 8.2E-01)	9.4E-02 (0 / 5) (-6.0E-01 = 8.2E-01)
Fe-59	0 /6	5,06+90	-7.9E-01 0 4)	11 miles W (#037)	1.8E+00 (0 / 5) (-1.2E+00 * 5.3E+00)	1,8E+00 (0 / 5) (-1,2E+00 = 5,3E+00)
Co-58	0.76	2.3E+00 1.5E+01	-4.7E-01 (-7.5E-01	11 miles W (#577)	-4.5E-02 (0 / 5) (-6.8E-01 = 4.0E-01)	-4.5E-02 (0 / 5) (-6.8E-01 = 4.0E-01)
09-03	0 /6	1.7E+00 1.5E+01	2,4E-01 (0 / 4.) (-1,4E+00 = 1,6E+00)	1 rite NWW (#016)	2.4E-C1 (0 / 4) (-).4E+00 ~ 1.6E+00)	(-3.0E-01 + 7.2E-01)
59-uz	0 /6	3.78+00	-8.6E-01 (0 / 4) (-1.5E-00 - 4.5E-01)	11 miles W (#037)	-7.3E-0: (0 / 5) (-1.4E+00 + 7.8E-01)	-7.3E-91 (0 / 5) (-1.4E+66 = 7.8E-01)
2r-95	0 /6	4.16+00	-1.2E-01 (0 / 4) (-1.1E-00 - 8.1E-01)	1 mile NWW (#016)	-1.2E-01 (0 / 4) (-1,1E+00 * 8.1E-01)	-1.4E+0B (0 / 5) (-2.8E+00 + 2.4E-01)
Nb-95	0 /6	3,1E+00 1,5E+01	-1.4E-62 (0 / 4) (-8.8E-01 = 5,2E-01)	1 mile NNW (#016)	-1.4E-02 (0 / 4) (-8.9E-01 + 5.2E-01)	-5.4e-01 (0 / 5) (-2.2e+50 = 5.0e-01)
88-140	0 /6	2.3£+01	-3.0E+00 (0 / 4) (-6.7E+00 - 1.4E+00)	1 mile NNW (#016)	-3.0E+00 (0 / 4) (-6.7E+00 ~ 1.4E+00)	-4.4E-30 (0 / 5) (-1.7E+01 = 2.4E+00)
1a-140	0 /6	9.65+00	1,4E+00 (0 / 4) (-6,5E+00 = 1,0E+01)	1 mile NNW (#016)	1,4E+00 (0 / 4) (-6.5E+00 = 1.0E+01)	1,4E+50 (0 / 5) (-1,1E+00 - 4,8E+00)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES, (--- USED WHEN THERE IS NO REDUITEMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (!)

TABLE 5 1991 ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT SUMMARY

UNITS: pCi/Kg dry wt MEDIUM: Sediment

ANAL7SIS TYPE	TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	LOWER LIMIT GF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** FANGE	LOCATION WITH LOCATION INFORMATION	HIGHEST ANNUAL MEAN MEAN (f) ** RANGE	CONTROL LOCATIONS MEAY (f) ** RANCE
1-131	89/ 0	1.7E+02	-1.2E+02 (0 / 87) (-8.4E+03 - 9.1E+01)	3.5 miles S (#211)	3.9E+61 (0 / 2) (-1.2E+01 - 9.1E+01)	-9.4E+01 (0 / 2) (-1.3E+02 =-5.9E+01)
Cs-134	89/ 0	1 3E+01 1.5E+02	-2.3E+02 (0 / 87) (-4.4E+021.5E+01)	MCR Region I (#355)	-1.5E+01 (0 / 1) (-1.5E+011.5E+01)	-2.9E+02 (0 / 2) (-3.4E+022.4E+92)
Cs-137	89/ 0	1.5E+01 1.8E+02	6.8E+01 (76 / 87) (-1.3E+01 = 2.5E+02)	MCR Region 111 (#475)	2.3E+02 (1 / 1) (2.3E+02 - 2.3E+02)	4.9E+01 (2 / 2) (1.9E+01 = 7.8E+01)
Mn-54	89/ 0	1.4E+01	2.3E+01 (47 / 87) (-7.9E+00 - 1.4E+02)	MCR Region 1 (#326)	1.3E+02 (2 / 2) (1.2E+02 = 1.4E+02)	6.5E-01 (0 / 2) (3.2E-01 = 9.9E-01)
Fe-59	89/ 0	3.06+01	-8.9E+00 (0 / 87) (-1.1E+02 - 2.4E+01)	MCR Region 1 (#408)	2.4E+01 (0 / 1) (2.4E+01 = 2.4E+01)	-3.6E+01 (0 / 2) (-3.8E+013.5E+01)
Co-58	89/ 0	1.46+01	7.1E+01 (60 / 87) (-3.2E+01 - 3.2E+02)	MCR Region I (#408)	3.2E+02 (1 / 1) (3.2E+02 + 3.2E+02)	-9.6E+00 (0 / 2) (-1.2E+01 =-7.4E+30)
Co-60	89/ 0	1.2E+01	1.3E+02 (65 / 87) (-7.8E+00 ~ 7.7E+02)	MCR Region I (#326)	7.4E+02 (2 / 2) (7.0E+02 = 7.7E+02)	-6,2E+00 (0 / 2) (-7.8E+00 =-4,6E+00)
Zn-65	89/ 0	2.7E+01	-1.4E+32 (0 / 87) (-3.2E+02 + 2.6E+01)	MCR Region II (#471)	-3.6E+01 (0 / 1) (-3.6E+013.6E+01)	-2.2E+02 (0 / 2) (-2.8E+021.7E+02)
Zr-95	47/ 0	2.8E+01	1.3E+01 (0 / 45) (-7.9E+00 = 3.6E+01)	3.5 miles ESE (#230)	3.1E+01 (0 / 1) (3.1E+01 = 3.1E+01)	1.4E+00 (0 / 2) (-7.7E+00 = 1.0E+01)
Nb-95	85/ 0	1.8E+01	-2.1E=01 (0 / 83) (-1.8E+02 - 2.1E+01)	MCR Region I (#326)	2.1E+01 (0 / 1) (2.1E+01 + 2.1E+01)	-4.0E+01 (0 / 2) (-5.0E+01 =-2.9E+01)
Ba-140	89/ 0	1.36+02	-5.5E+01 (0 / 87) (-4.0E+03 = 1.0E+02)	MCR Region V (#552)	7.1E+01 (0 / 1) (7.1E+01 + 7.1E+01)	-5.4E+01 : 0 / 2) (-1.1E+029.1E-01)
La-140	71/ 0	4.6E+01	-1.8E+01 (0 / 69) (-1.6E+03 - 6.0E+01)	2 miles E (#209)	4.8E+01 (0 / 2) (4.7E+01 = 4.9E+01)	-4.0E+01 (0 / 2) (-4.8E+01 =-3.2E+01)
Ag-110M	7/ 0	1.46+01	1.4E+01 (3 / 7) (3.8E+00 + 2.2E+01)	MCR Region I (#326)	2.2E+01 (0 / 1) (2.2E+01 + 2.2E+01)	

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

TYPE	TOTAL ANALYSES/ NONROUTINE	LOWER LINIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	LOCATION WITH HIGHEST ANNUAL MEAN CATION FANGE FANGE	CONTROL LOCATIONS NEAN (f) ** RANGE
1-131	0 /52	1.5E+02	-4.4E+01 (9 / 23) (-2.7E+02 + 1.1E+02)	11 miles W (#037)	1.1E+02 (0 / 2) (8.4E+01 - 1.4E+02)	1.1E+02 (0 / 2) (8.4E+01 + 1.4E+02)
Cs-134	25/ 0	1.2E+01 1.5E+02	-2.5E+02 (6 / 23) (-3.6E-021.5E+02)	3.5 miles ESE (#006)	-2.0E+02 (0 / 2) (-2.2E+021,9E+02)	-2.2E+02 (0 / 2) (-2.3E+022.1E+02)
Cs-137	25/ 6	1.6E+01	2.1=+62 (23 : 23) (6.5E+01 = 4.5E+02)	14 mites NNE (#033)	3.4E+62 (2 / 2) (2.1E+02 ~ 4.8E+02)	2,15+02 (2 / 2) (1,25+02 = 3,05+02)
Mn-54	25/0	1,3E+01	3.0E+00 (0 / 23) (-8.2E+00 + 1.8E+01)	1 mile NNM (#016)	6.6E+00 (0 / 2) (5.2E+00 + 8.1E+00)	5.0E+C0 (0 / 2) (2.7E-01 - 9.7E+00)
F2-59	25/ 0	3.3E+01	-1.4E+01 (0 / 23) (-4,1E+01 + 1.7E+01)	3.5 miles ESE (#006)	7.8E+00 (0 / 2) (6.6E+00 ~ 9.0E+00)	-2.2E+00 (0 / 2) (-3.0E+001.5E+00)
Eo-58	0 /52	1,45+01	-5.0E+00 (0 / 23) (-2.0E+01 = 6.0E+00)	9 miles NV (#639)	-9.6E-02 (0 / 2) (-2.3E+00 - 2.1E+00)	-5.5E:00 (0 / 2) (-6.4E-004.5E+00)
09-03	25/ 0	1,1E+01	-1.7E+00 (0 / 23) (-9.2E+00 - 4.9E+00)	1 mile NW (#015)	2.4E+00 (0 / 2) (4.9E+00 - 4.9E+00)	-3.8E-01 (3 / 2) (-7.6E-01 = 0 00)
Zn-65	25/ 0	2.6E+01	-1,8E+02 (0 / 23) (-2,4E+021,1E+02)	t mile NW (#015)	-1,4E+02 (0 / 2) (-1,6E+021,2E+02)	-1.5E+02 (0 / 2) (-1.6E+021.3E+02)
56-32	137 0	3,1E+01	1.5E+01 (0 / 12) (3.0E+00 = 3.7E+01)	9 miles NW (#039)	3.7E+01 (0 / 1) (3.7E+01 ~ 3.7E+01)	1.9E+01 (0 / 1) (1.9E+01 = 1.9E+01)
8P-95	25/ 0	2,15+01	-3,45+01 (0 / 23)	1 mile NW (#015)	-2.6E+01 (0 / 2) (-2.8E+012.4E+01)	-3.9E+01 (0 / 2) (-4.1E+01 =-3.6E+01)
88-140	0 /92	1.8E+02	-1.5e+01 ; 0 / 23) (-1,7e+02 - 1.7e+02)	9 miles NW (#039)	1.2E+62 (0 / 2) (7.7E+01 + 1.7E+62)	1.7E+01 (0 / 2) (1.6E+01 ~ 1.8E+01)
051-e7	0 /91	6.7E+01	1,56-01 (0 / 15)	4.5 miles ¥	5.9E+01 (0 / 2) (4.4E+01 + 7.4E+01)	-9.8E+00 (0 / 1)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

MEDIUM: Banana Leaves

UNITS: DCi/Kg wet wt

TYPE	TOTAL ARALYSES/ NOWROUTINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	LOCATION WITH HIGHEST ANNUAL MEAN CATION MEAN (f) ** ORMATION RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
1-131	27.0	1.7E+01 6.0E+01	no samples	11 siles W (#037)	-1,4E+0;(0 / 2) (-2,8E+01 = 1,0E-01)	-1,4E+0; (0 / 2) (-2,8E+01 + 1,0E-01)
Cs-134	0 /2	2.5E+00 6.0E+01	no samples	11 miles 4 (#0372)	-1.6E+00(0 / 2) (-2.9E+003.0E-01)	-1.6£+00 (0 / 2) (-2.9£+003.0£-01)
Cs-137	0 /2	3.0E+00 8.0E+01	no samples	11 miles W (#037)	-1.6E-01(0 / 2) (-6.1E-01 = 2.9E-01)	-1.6E-01 (0 / 2) (-6.1E-01 - 2.9E-01)
Mn-54	2/ 0	3,1E+00	no samples	11 miles V (#037)	2.7E-0: 0 / 2) (1.0E-01 = 4.3E-01)	2.72-01 (0 / 2) (1.02-01 - 4.32-01)
Fe-59	0 /2	1.0€+01	no semples	11 miles W (#037)	-1.7E+00(0 / 2) (-7.0E+00 = 3.5E+00)	-1,7E+00 (0 / 2) (-7,0E+00 - 3,5E+00)
85-03	0 /2	3.45+06	no samples	11 miles W (#037)	-6.5E-01(0 / 2) (-1.4E+00 + 8.2E-02)	-6.5E-01 (9 / 2) (-1.4E+00 = 8.2E-02)
09-03	2/ 0	3.5£+00	no samples	11 miles W (#037)	3.2E-01(0 / 2) (7.2E-02 - 5.8E-01)	3.2E-01 (0 / 2) (7.2E-02 - 5.8E-01)
2u-65	2/ 0	9,15+00	uo sambles	11 miles W (#037)	-3.8E+00(0 / 2) (-8.6E+00 - 9.0E-01)	-3.8E+00 (0 / 2) (-8.6E+00 = 9.0E-01)
2c-32	2/ 0	5.9E+00	no samples	11 miles W (#337)	(-2.1E+0008.5E-01)	-1.5E+00 (0 / 2) (-2.1E+008.5E-01)
ND-95	27.0	4.06+00	no samples	11 miles W (#037)	(-2.2E+00; 0 / 2)	(-2,2E+00 + 4,3E-02)
88-140	27.0	2.9E+01	no samples	11 miles W (#037)	-3.5E+00(0 / 2) (-6.6E+003.6E-01)	-3.5E+00 (C / 2) (-6.6E+00 +-3.6E-01)
La-140	0 /2	3.8E+01	no samples	11 miles ¼ (#037)	-4.7E+00(0 / 2 ; (-1.4E+01 = 4.2E+90)	(-1.7E+00 (0 / 2)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REGUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

UNITS: pCi/Kg wet wt

ANALYSIS	TOTAL ANALYSES/ NONROUTINE NEASUREMENTS	LOWER LINIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	WITH MICHEST ANNUAL MEAN NEAN (f) ** RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
1-131	18/ 0	2.2E+01 6.0E+01	-7.4E+00 (0 / 13) (-2.9E+01 = 1.1E+01)	1 mile N (#001)	-4.6k_0 f 0 / 5) (-1.9E+01 = 1.1E+01)	-1.0E+01 (0 / 5) (-4.2E+01 = 1.6E+03)
Cs-134	18/ 0	3.1£+00	-2.9E+00 (0 / 13) (-5,1E+00 =-8.9E-01)	11 miles W (#037)	-1,9E+00 (0 / 5) (-3,7E+00 - 2,7E+00)	-1.9E+00 (0 / 5) (-3.7E+00 = 2.7E+00)
Cs-137	18/ 0	3,4E+00 8,0E+01	-1,4E-02 (0 / 15) (-1,7E+00 = 1,8E+00)	1 mile N (#001)	1.4E-01 (0 / 5) (-1.3E+00 = 1.8E+00)	(-2.3E+00 - 8.9E-01)
Mn-54	18/ 0	3.6E+00	(-3.8E+00 + 7.8E-01)	1 mile N (#001)	-6.6E-01 (0 / 5) (-2.0E+00 ~ 7.8E-01)	-1.3E+00 (0 / 5) (-4.6E+00 = 8.2E-01)
Fe-59	18/ 0	1,35+01	-2.7E+00 (0 / 13) (-8.1E+00 = 4.8E+00)	1 mile NV (#015)	1.2E+00 (0 / 2) (-2.5E+00 + 4.8E+00)	-4.7E+00 (0 / 5) (-8.1E+00 + 1.2E-01)
20-58	18/ 0	4.3E+00	-4.5E-01 (0 / 13) (-2.9E+00 = 2.3E+00)	1 mile NW (#015)	2.0E-01 (0 / 2) (-1.8E+00 + 2.2E+00)	-1,2E+00 (0 / 5) (-4,2E+00 = 6.9E-01)
09-03	18/ 0	4.08+00	-5.8E-01 (0 / 13) (-2.6E+00 = 2.4E+00)	1 mile W (#001)	2,0E-51 (6 / 5) (-7,7E-61 = 2,4E+00)	-1,8E+00 (0 / 5) (-3,6E+005,9E-01)
59-42	18/ 0	1,1E+01	-4.9E+00 (0 / 13) (-1.0E+01 = 7.6E+00)	1 mile NNW (#016)	-3.4E+00 (0 / 6) (-1.0E+01 = 7.6E+00)	-6.0E+00 (0 / 5) (-1.3E+014.3E+00)
25-22	18/ 0	7.3E+00	-3.0E+00 (0 / 13) (-7.4E+00 = 2.1E+99)	1 mile W (#601)	-8.5E-01 (0 / 5) (-5.4E+09 * 2.1E+00)	-2.3E+00 (0 / 5.) (-9.4E+00 - 2.1E+00)
86-98	18/ 0	5.3E+00	-7.0E-01 (0 / 13) (-3.5E+00 = 2.9E+00)	1 mile N (#001)	2.9E-01 (0 / 5) (-2.6E+00 = 2.9E+00)	-2.5E+00 (0 / 5) (-3.7E+00 - 1.2E-01)
7a-140	18/ 0	3,1E+01	-3.4E+00 (0 / 13) (-2.1E+01 = 1.1E+01)	1 mile N (#001)	-1,3E+00 (0 / 5) (-2,1E+01 + 1,1E+01)	-1,4E+01 (0 / 5) (-4,8E+01 = 1,2E+50)
La-160	18/ 0	6,75+01	-1.8E+00 (0 / 13)	1 mile N	-1,1E+00 (0 / 5) (-3,8E+00 - 1,6E+00)	-5.3E+00 (0 / 5) (-1.7E+01 - 4.2E-01)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REWJIREMENT.)

TABLE 5

MEDIUM: Turnip Greens

CON.A.D. LOCATIONS MEAN (f) ** RANGE	ples	ples	bles	pies	ples	ples	sald	sajd	pies	ples	pies	bles
CON. R.J.E. I	ne samples	no samples	saldues ou	no samples	saldues ou	saldwes ou	saldues ou	saldwas ou	sajdues ou	no samples	no samples	uo sambles
LOCATION WITH RIGHEST ANNUAL MEAN CATTON ORMATION RANGE	\$.7E+00 (0 / 1) (5.7E+00 - 5.7E+00)	-8.7E-01 (0 / 2) (-1.1E+00 =-6.8E-01)	2.9E+00 (1 / 1) (2.9E+00 = 2.9E+00)	(-2.3E-01 (0 / 1)	1.5E+00 (0 / 2) (1.3E-00 + 1.6E+00)	-4.5E-01 (0 / 1) (-4.5E-014.5E-01)	3.6E-01 (0 / 2) c 1.4E-01 = 5.9E-01)	-8.9E-01 (0 / 1) (-8.9E-01)	8.6E-01 (0 / 2) (-2.8E-01 ~ 2.0E+00)	9.1E-01 (0 / 2) (8.6E-01 = 9.5E-01)	-7.3E-01 (0 / 2) (-1.2E+00 +-2.9E-01)	6.3E-01 (0 / 2) (5.4E-01 * 7.2E-01)
LOCATION WITH LOCATION INFORMATION	1 mile N (#981)	1 mile NW (#015)	1 mile N (#801)	1 mile N (#001)	1 mile NV (#015)	1 mile N (#001)	1 mile NW (#015)	1 mile N (#001)	1 mile NW (#015)	1 mile NW (#015)	1 mile NW (#015)	1 mile NW
INDICATOR LOCATIONS NEAN (+) ** RANGE	3.7E+00 (0 / 3) (5.7E+00 - 5.7E+00)	-1 4E+00 (0 / 3) (-2,4E+006,8E-01)	1,1E+00 (1 / 3) (4,4E-01 = 2,9E+00)	.2.6E-01 (0 / 3) (-5.3E-01 m-1.6E-02)	-9.5E-02 (0 / 3) (-3.2E+00 = 1.6E+09)	-6.5E-01 (0 / 3) (-7.85-014.5E-01)	1.5E-01 (0 / 3) (-2.6E-01 = 5.9E-01)	-1,2E+00 (0 / 3) (-2,0E+00 +-6,4E-01)	3.8E-01 (0 / 5) (-6.0E-01 + 2.0E+00)	3.5E-01 (0 / 3) (-7.5E-v7 = 9.5E-01)	-1.5E+00 (0 / 3) (-2.9E+002.9E-01)	5.66-61 (0 / 3)
LOWER LIMIT OF DETECTION *	1,45+01	1.7E+00 6.0E+01	1,8E+00 8,0E+01	1 95+30	7,3E+00	2.2E+00	2.2E+00	6.0E+00	4.0E+00	2,95+06	1,66-01	3.9E+00
TOTAL ANALYSES/ NONPTITINE MERCIREMENTS	3/ 0	3/0	3/ 0	3/ 0	3/0	3/0	3/ 0	3/5	3/ 0	3/0	3/ 0	3/ 0
ANALYSIS	1-131	Cs-134	Cs-137	Mn-54	Fe-59	Co-58	09-03	Zn-65	Zr-95	Np-95	8a-148	19-140

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (*-* USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

MEDIUM: Collard Greens

TYPE	TOTAL AMALYSES/ NONROUTINE MEASUREMENTS	OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH HIGHEST LOCATION INFORMATION	H HIGHEST ANNUAL MEAN MEAN (f) ** RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
1-131	0 /7	2.2E+01 6.0E+01	6.2E+00 (0 / 3) (-1.5E+01 = 2.2E+01)	1 mile wsu (#016:	6.2E+00 (0 / 3) (-1.5E+01 = 2.2E+01;	4,65+00 (0 / 1)
Cs-134	0 /7	2.7E+00 6.0E+01	-7.6E+00 (0 / 3) (-1.7E+01 =-1.9E+00)	11 miles w (#037)	-1,4E+00 (3 / 1) (-1,4E+001,4E+00)	-1.4E+00 (0 / 1) (-1.4E+001.4E+00)
Cs-137	0 /9	3.16+00	3.0E+00 (1, 3) (-7.3E-01 = 8.6E+00)	1 mile NNW (#016)	3.0£+00 (1 / 3) (-7.3E-01 = 8.6£+00)	-4.9E-01 (0 / 1) (-4.9E-014.9E-01)
Mn-54	0 /5	3.12+00	-2.1E-01 (0 / 3) (-7.7E-01 = 1.4E-01)	1 mile NK2 (#815)	-2.1E-01 (0 / 3) (-7.7E-01 = 1,4E-01)	-2.8E+06 (0 / 1) (-2.8E+002.8E+90)
Fe-59	0 /7	1.15+01	2.2E-01 (0 / 3) (-3.9E+00 ~ 3.4E+00)	1 mile NNW (#016)	2.2E-01 (0 / 3) (-3.9E+00 = 3.4E+00)	-2.8E+50 (0 / 1) (-2.8E+002.8E+00)
85.03	0 /7	3.6€+00	-3.6E-01 (0 / 3) (-1.4E+00 + 4.6E-01)	11 miles ¥ (#037)	8.0E-02 (0 / 1) (8.0E-02 - 8.9E-02)	8.0E-02 (0 / 1) (8.0E-02 - 8.0E-62)
79-03	0 /7	3.5E+00	-1.3E-01 (0 / 3) (-1.1E+30 - 1.2E+00)	11 miles # (#037)	5.2E-01 (9 / 1) (5.2E-01 - 5.2E-01)	5.2E-01 (9 / 1) (5.2E-01 * 5.2E-01)
59-42	77.0	8.8E+00	-6.3E+00 (0 / 3) (-1.7E+013.7E-01)	11 miles W (#637)	-3.7E-01 (0 / 1) (-3.7E-013.7E-01)	-3.7E-01 (0 / 1) (-3.7E-013.7E-01)
56-52	0 /5	6.3E+00	-2.7E+00 (0 / 3) (-3.8E+001.8E+00)	11 miles W (#037)	1.2E+00 (0 / 1) (1.2E+00 = 1.2E+00)	1.2E+00 (0 / 1) (1.2E+00 + 1.2E+00)
NP-95	0 /5	\$,7E+00	-5.6E-01 (0 / 3) (-1.6E+00 - 7.5E-01)	11 miles W (#037)	(5.7E-01 (0 / 1)	5.7E-01 (0 / 1) (5.7E-01 ~ 5.7E-01)
8a-140	0 17	2.6E+01	4.0E+00 (0 / 3) (-4,4E+00 = 1.9E+01)	1 mile MWW (#016)	6,0E-00 (0 / 3) 2-4,4E+00 - 1,9E+31)	-3.4E+00 (0 / 1) (-3,4E+305.4E+00)
Le-140	0 /5	8.1E+00	-5.6E-01 (0 / 3) (-3.6E+00 = 1.9E+00)	11 miles W (#037)	4.3E-01 (0 / 1) (4.3E-01 = 4.3E-01)	4.3E-01 C 0 / 1)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

MEDIUM: Turnip Roots

TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WIT LOCATION INFORMATION	LOCATION WITH RIGHEST ANNUAL MEAN CATION PEAN (f) ** PANGE RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
	2.2E+01 6.0E+01	1.4E-01 (0 / 1) (1.4E+01 - 1.4E+01)	1 mile NW (#015)	1,4E+01 (0 / 1) (1,4E+01 - 1,4E+01)	seldmes ou
	2.0E+00 6.0E+01	-1.1E+00 (0 / 1) (-1.1E+001.1E+00)	1 mile NW (#315)	-1.1E+00 (G / 1) (-1.1E+00 >-1.1E+00)	no samples
TE	1.9E+6ul 8.0E+01	-5.9E-01 (0 / 1) (-5.9E-015.9E-01)	1 mile NW (#015)	-5.9E-01 (0 / 1) (-5.9E-015.9E-01)	no samples
	2.2E+00	-5.2E-01 (0 / 1) (-5.2E-015.2E-01)	1 mile NW (#015)	-5.2E-01 (0 / 1) (-5.2E-015.2E-01)	no samples
	7.9E+00	-1.1E+00 (0 / 1) (-1.1E+001.1E+00)	1 mile NW (#015)	-1.1E+00 (0 / 1) (-1.1E+001.1E+00)	no samples
	2.6E+00	3.2E-01 (0 / 1) (3.2E-01)	1 mile NW (#015)	3.2E-01 (0 / 1) (3.2E-01 = 3.2E-01)	no samples
	2.2E+00	-6.6E-01 (0 / 1) (-6.6E-016.6E-01)	1 mile NW (#015)	-6.6E-01 (0 / 1) (-6.6E-016.6E-01)	no semples
	6.5E+00	-1.9E+00 (0 / 1) (-1.9E+00 +-7.7E+00)	1 mile NW (#015)	-1,9E+00 (0 / 1) (-1,9E+001,9E+09)	saldies ou
	4.7E+00	6.9E-01 (0 / 1) (6.9E-01 ~ 6.9E-01)	1 mile NW (#015)	6.9E-01 (0 / 1) (6.9E-01 - 6.9E-01)	saldues ou
	3.2E+00	-1.9E+00 (0 / 1) (-1.9E+001.9E+00)	1 mile NW (#015)	-1.9E+00 (0 / 1) (-1.9E+00 +-1.9E+00)	saidues ou
	2.3E+01	8.4E+00 (0 / 1) (8.4E+00 + 8.4E+00)	1 mile NW (#015)	8.4E+00 (0 / 1) (8.4E+00 ~ 8.4E-00)	no samples
	5.4E+100	-2.1E+00 (0 / 1) (-2.7E+00 +-2.1E+0C)	1 mile NW (#015)	-2.1E+00 (0 / 1) (-2.1E+00 =-2.1E+00)	saidies ou

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REGULREMENT.).

TABLE 5

AKALYSIS TYPE	TOTAL ANALYSES/ NONROUTINE	LOWER LIMIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) **	LOCATION WITH	LOCATION WITH HIGHEST ANNUAL MEAN KATION MEAN (f) **	CONTROL (OCATIONS MEAN (f) **
	MEASUREMENTS		RANGE	ENFORMATION	XAMSE	SAMAS
1-131	2/ 0	4.6E+01	-1.4E+01 (0 / 5) (-4.4E+01 - 9.7E+00)	4-6 miles 7-55W (#253)	6.0E+00 (0 / 2) (2.3E+00 = 9.7E+00)	salduss ou
Cs-134	0 /5	8.16+00	-5.5E+00 (0 / 5) (-1.0E+01 + 3.0E+00)	4-6 miles S-SSW (#253)	-2.0F+00 (0 / 2) (-7.1E+00 + 3.0E+00)	no samples
Cs-137	0 /5	8.2E+00 3.0E+01	1,7E+00 (0 / 5) (-7,9E-01 + 3,8E+00)	4-5 miles W-WWW (#Z33)	3.8E+00 (0 / 1) (3.8E+00 - 3.6E+00)	no samples
Mn-54	0 /5	7.8£+00	6.8E-01 (0 / 5) (-2.2E+00 ~ 4.5E+00)	6-3 miles NE-EW (#384)	2.6E+00 (0 / 1) (2.6E+00 = 2.6E+00)	no samples
Fe-59	0 /5	2.26+01	-3.2E+00 (0 / 5) (-9.8E+00 - 2.1E+00)	6-8 riles NE-EN (#28:)	2.1E+00 (0 / 1) (2.1E+00 ~ 2.1E+00)	no samples
Co-58	0 /5	9.3£+00	2.8E+00 (0 / 5) (-1.2E+00 - 6.5E+00)	6-8 miles NE-EN (#284)	(4.9E+00 (6 / 1)	no samples
09-03	2/5	8.15+00	-4.9E-01 (0 / 5) (-4.0E+00 - 2.4E+00)	6-8 miles W-WNE (#214)	2.2E+00 (0 / 1) (2.2E+00 = 2.2E+00)	saldus ou
Zu-65	2/ 0	1.8E+01	(-2.6E+01 (0 / 5)	6-8 miles N-NNE (#214)	-4.5E+00 (0 / 1) (-4.5E+00 *-4.5E+00)	no samples
56-32	0 /5	1.6E+01	-7.2E-02 (0 / 5) (-8.1E+00 - 1.0E+01)	4-6 miles S-55W (#253)	5.2E+00 (0 / 2) (0.0E+00 = 1.0E+01)	no samples
ND-95	2// 0	1.2E+01	1.9E+00 (0 / 5) (-1.5E+00 - 6.9E+00)	4-6 miles W-WGW (#233)	8.9E+00 (6 / 1) (8.9E+07 = 8.9E+00)	saldnes or
071-88	27.0	6.0E+01	-3.4E+00 (0 / 5) (-1.4E+01 + 2.9E+00)	6-8 Aites NE-EN (#284)	2.9E+00 (0 / 1) (2.9E+00 - 2.9E+00)	no samples
140	0 /5	2.3E+01	-3.9E+00 (0 / 5)	6-5 miles N-NNE (#214)	4.6E+00 (0 / 1) (4.6E+00 - 4.6E+00)	saldmes ou

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (*-* USED WHEN THERE IS NO REQUIREMENT.) ** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

MEDIUM: Pasture Grass Vegetation

AUA: VOTO	TOTAL ABAI VETEL	1.00,000 1.18.7	TWO LOCATIONS	I LOCATION UIT	DITE STORICS SERVISE MESS	CONTROL COCASIONS
	NONROYTINE MEASUREMENTS	OF DETECTION *	MEAN (f) ** RANGE			MEAN (f) *** RANGE
	0 /01	2.8E+01	-4.9E+00 (0 / 4) (-6.6E+00 *-1.1E+00)	11 miles W (#037)	5.6E+00 (C / 6) (-1.2E+01 + 3.8E+01)	S.68+00 (0 / 6) (-3,28+01 = 3.88+01)
	10/ 0	4.2E+00 6.0E+01	-5.6E+50 (0 / 4) (-8.8E+00 *-3.0E+00)	11 miles W (#037)	-1.9E+30 (0 / 6) (-4.1E+00 + 7.4E-01)	-1,9E+00 (0 / 6) (-4,1E+00 + 7,4E-01)
-	10/0	4.9E+00 8.0E+01	-4.6E-01 (0 / 4) (-5.7E+00 - 1.6E+09)	:1 mites W (#037)	3.1E+00 (1 / 6) (-3.8E-01 = 1.2E+01)	3.1E+00 (1 / 6) (-3.8E-01 + 1.2E+01)
-	10/ 0	4.7E+00	-9.6E-01 (0 / 4) (-3.4E+004,5E-01)	1 mile NW (#015)	0.0E+00 (0 / 1) (0.0E+00 + 0.0E+00)	-3.5E-01 (0 / 6) (-3.3E+00 = 8.3E-01)
-	10/0	1.6E+01	-2.2E+00 (G / 4) (-5.9E+00 ~ 1.7E+00)	1 mile NNW (#016)	1.7E+00 (0 / 1) (1.7E+00 - 1.7E+00)	5.2E-01 (0 / 6) (-5.9E-01 = 3.8E+00)
	10/0	5.5E-00	-8.8E-01 (0 / 4) (-3.3E+00 + 2.3E+00)	11 miles ¥ (#037)	1.0E+00 (0 / 6) (-5.2E-01 + 6.5E+00)	1.0E+00 (0 / 6) (-5.2E-01 = 6.5E+00)
	10 / 01	5,4E+00	9,1E-01 (0 / 4) (-1,1E+ - 3,3E+00)	1 mile N (#501)	2.3E+00 (0 / 2) (1.4E+00 + 3.3E+00)	3.0E-01 (0 / 6) (-3.3E-01 = 9.8E-01)
	0 /01	1.3£+01	-1.1E+01 (0 / 4) (-2.2E+013.2E+00)	11 miles # (#037)	-1.9E+00 (0 / 6) (-9.8E+00 ~ 3.9E+00)	-1,9E+00 (0 / 6) (-9,8E+00 = 3,9E+00)
-	10/ 0	9.8E+00	-1.1E+00 (0 / 4) (-5.2E+00 + 2.5E+00)	1 mile NWW (#016)	1.7F+00 (0 / 1) (1.7E+00 ~ 1.7E+00)	(-4.9E+00 (0 / 6)
	0 /01	6.6E+00	-4.1E-01 (0 / 4) (-2.2E+00 - 1.1E+001	1 mile NHW (#016)	6.6E-01 (0 / 1) (6.6E-01 ~ 6.6E-01)	-5.3E-01 (0 / 6) (-6.9E+0(* 3.2E+00)
	0 /01	4.0E+01	-1.9E-01 (3 / 4) (6.7E+00 - 8.8E+00)	1 mile NWW (#016)	8.8E+00 (0 / 1) (8.8E+00 - 8.8E+30)	(-6.4E+00 (0 / 6)
	10/ 0	2.05+02	6.0E+01 (0 / 4) (-1.0E+00 ~ 2.4E+02)	1 mile N (#001)	1.2E+02 (0 / 2) (-8.9E-01 = 2.4E+02)	1.6E-01 (0 / 6) (-5.4E+00 = 3.4E+00)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

MEDIUM: Migratory Dabbler Duck

TYPE	TOTAL AMALYSES/ NOMROLITINE MEASUREMENTS	LCWER LIMIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION IN MITON	LOCATION WITH HIGHEST ANNUAL MEAN POATION MEAN (†) ** MATION RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
1-131	0 /2	8.0E+03	-1.4E+03 (0 / 2) (-2.3E+03 +-4.6E+02)	0-2 miles W-WWW (#231)	-1,4E+03 (0 / 2) (-2,3E+03 ~-4,6E+02)	no samples
Cs-134	27.0	2.0E+01 1.3E+02	-1,8E+01 (0 / 2) (-1,8E+01 +-1,7E+01)	0-2 miles w-www (#231)	-1.8E+01 (0 / 2) (-1.8E+01 +-1.7E+01)	saubles ou
Cs-137	27.0	1.9E+01	3.1E-01 (0 / 2) (-5.8E-01 - 1.2E+00)	0-2 miles W-WWW (#231)	3.1E-01 (0 / 2) (-5.8E-01 = 1.2E+00)	sajdues ou
Mn-54	5/ 0	2.1E+01 1.3E+02	-1.5E+00 (0 / 2) (-2.9E+00 + 0.0E+00)	0-2 mites W-WWW (#231)	-1.5E+50 (0 / 2) (-2.9E+00 + 0.0E+00)	no samples
Fe-59	5/ 0	1.0E+02 2.6E+02	(-8.6E+00 (0 / 2)	0-2 miles W-WWW (#231)	-7.4E+00 (0 / 2) (-8.6E+00 +-6.1E+00)	saidues ou
Co-58	5/ 0	3,8E+0;	1.25+01 (0 / 2) (7.5E+00 - 1.7E+01)	0-2 miles W-WNW (#231)	1.2E+01 (0 / 2) (7.6E+00 + 1.7E+01)	no samples
Co60	27.0	2.0E+01 1.3E+02	.*.2E+00 (0 / 2) (-7.7E+00 - 1.4E+00)	0-2 miles W-WNW (#231)	-3.2E+00 (0 / 2) (-7.7E+00 + 1.4E+00)	saldues ou
59-42	27.0	5.0E+01 2.6E+02	-2.8E+01 (0 / 2) (-5.3E+012.8E+00)	0-2 miles W-WWW (#Z31)	-2.8E+01 (0 / 2) (-5.3E+01 +-2.8E+00)	saldues ou
56-J2	27.0	7.16+01	9.0E+00 (0 / 2) (-6.8E+00 ~ 2.5E+01)	0-2 miles W-WNV (#231)	9.0E+00 (0 / 2) (-6.8E+00 + 2.5E+61)	saubles ou
Nb-95	0 70	7.7E+01	4.5E+00 (0 / 2) (9.0E+** + 9.0E+00)	0-2 miles W -NW (#231)	4.5E+00 (0 / 2) (9.0E+00 + 9.0E+00)	no samples
Bs-140	0 /2	2.1E+03	(-3.0E+02 (0 / 2)	0-2 miles usumu (#231)	1.4E+02 (0 / 2) (-3.0E+02 - 5.7E+02)	no semples
1,8-140	0 /2	9,1E+02	3.5E+02 (0 / 2) (2.0E+02 + 5.0E+02)	0-2 miles W-LNW (#Z31)	3.5E+02 (0 / 2) (2.0E+02 ~ 5.0E+02)	no samples

^{*} AVERAGE MEASURED LLD AND TABLE C.2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5 1991 ANNUAL RADIOLOGICAL ENVIRONMENTA: OPERATING REPORT SUMMARY

MEDIUM: Goose UNITS: pCi/Kg wet wt

ANALYSIS TYPE	TOTAL ANALYSES/ NOWROUTINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	INDICATOR LOLATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	H HIGHEST ANNUAL ME'N MEAN (f) ** RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
1-131	2/ 0	9.7E+01	-4.3E+01 (0 / 2) (-9.3E+01 + 6.9E+00)	MCR Region I (#355)	6.9E+00 (0 / 1) (6.9E+00 ~ 6.9E+00)	no samples
Cs-134	2/ 0	1.1E+01 1.3E+02	-1.4E+01 (0 / 2) (-2.7E+017.5E-01)	MCR Region I (#355)	-7.5E-01 (0 / 1) (-7.5E-017.5E-01)	no samples
Cs-137	2/ 0	1.1E+01 1.5E+02	-1.1E+00 (0 / 2) (-' 3E+00 + 3.0E+00)	MCR Region 1 (#355)	3.0E+00 (0 / 1) (3.0E+00 + 3.0E+00)	no samples
Mn-54	2, 0	1.1E+01 1.3E+02	-1.9E+00 (0 / 2) (-5.0E+00 + 1.3E+00)	MCR Region ! (#355)	1.3E+00 (0 / 1) (1.3E+00 + 1.3E+00)	no samples
Fe-59	2/ 0	3.2E+01 2.6C+02	8.9E+00 (0 / 2) (7.9E+00 = 9.9E+G ⁽¹)	MCR Region 1 (#411)	9.9E+00 (0 / 1) (9.9E+00 = 9.9E+00)	no samples
Co-58	2/ 0	1.2E+01 1.3E+02	-6.3E+00 (0 / 2) (-1.1E+01 +-1.1E+00)	MCR Region I (#355)	-1.1E+00 (0 / 1) (-1.1E+00 +-1.1E+00)	no samples
Co-60	2/ 0	1.2E+01 1.3E+02	5.7E+00 (0 / 2) (1.9E+00 + 9.5E+00)	MCR Region 1 (#411)	9.5E+00 (0 / 1) (9.5E+00 + 9.5E+00)	no samples
Zn-65	2/ 0	2.7E+01 2.6E+02	-7.9E+00 (0 / 2) (-1.1E+01 +-4.9E+00)	MCR Region I (#355)	-4.9E+00 (0 / 1) (-4.9E+00 +-4.9E+00)	no samples
Zr-95	1/ 0	2.9E+01	-2.7E+01 (0 / 1) (-2.7E+012.7E+01)	MCR Region I (#411)	-2.7E+01 (0 / 1) (-2.7E+01 =-2.7E+01)	no samples
Nb-95	2/ 0	1.8E+01	2.2E+00 (0 / 2) (-4.2E-01 = 4.9E+00)	MCR Region 1 (#355)	4.9E+00 (0 / 1) (4.9E+00 + 4.9E+00)	no samples
Ba-140	2/ 0	1.1E+02	-5.8E+01 (0 / 2) (-1.0E+021.4E+01)	MCR Region 1 (#355)	-1.4E+01 (0 / 1) (-1.4E+011.4E+01)	10 samples
La-140	2/ 0	3.7E+01	-3.9E+01 (0 / 2) (-7.0E+017.4E+00)	MCR Region I (#355)	-7.4E+00 (0 / 1) (-7.4E+007.4E+06)	no samples

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

1991 ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT SUMMARY

UNITS: pCi/Kg wet wt MEDIUM: Dove CONTROL LOCATIONS LOCATION WITH HIGHEST ANNUAL MEAN TOTAL ANALYSES! LOWER LIMIT INDICATOR LOCATIONS ANALYSIS MEAN (f) ** MEAN (+) ** LOCATION MEAN (f) ** NONROUTINE IDF DETECTION * TYPE RANGE RANGE INFORMATION RANGE MEASUREMENTS 0-2 miles NW-NN -3.0E+02 (0 / 1) no samples -3.0E+02 (0 / 1) 7.8E-72 1-131 1/ 0 (-3.0E+02 -- 3.0E+02) (-3.0E+02 -- 3.0E+02) (#Z21) -2.8E+01 (0 / 1) no samples -2.8E+01 (0 / 1) 0-2 miles NW-HN 2.2E+01 Cs-134 1/ 0 (-2.8E+01 --2.8E+01) (-2.8E+01 --2.8E+01) E#2213 1.3E+02 1.1E+61 (0 / 1) no samples 0-2 miles NW-NN 3.1E+01 1.16+01 (0 / 1) Cs-137 1/ 0 (1.1E+01 - 1.1E+01) (1.1E+01 + 1.1E+01) (#221) 1.5E+02 -6.4E+00 (0 / 1) no samples -6.4E+00 (0 / 1) 0-2 miles NW-NN 2.6E+01 Mn-54 1/ 0 (-6.4E+00 --6.4E+00) (#ZZ1) (-6.4E+00 --6.4E+00) 1.3E+02 0-2 miles NW-NN -1.3E+01 (0 / 1) no samples -1.3E+01 (0 / 1) 1/ 0 8.3E+01 Fe-59 (-1.3E:01 --1.3E+01) (#Z21) 2.6E+02 7-1.3E+01 --1.3E+01) 1_46+01 (0 / 1) no samples 0-2 miles NW-NN 5-3E+01 1.45+01 (0 / 1) 1/ 0 Co-58 (1.4E+01 + 1.4E+01) (#221) 1.3E+02 (1.4E+01 - 1.4E+01) 4.5E+00 (0 / 1) no samples 0-2 miles NW-NN 4_5E+00 (0 / 1) 1/0 3.0E+01 Co-60 (4.5E+00 = 4.5E+00) (4.5E+00 - 4.5E+00) (#ZZ1) 1.3E+02 -2.2E+01 (0 / 1) 0-2 miles NW-NN no samples 6.3E+01 -2.2E+01 (0 / 1) 1/ 0 Zn-65 (-2.2E+01 --2.2E+01) (-2.2E+01 --2.2E+01) (#221) 2.6E+02 3.0E+01 (0 / 1) no samples 0-2 miles NW-NN 3.06+01 (0 / 1) 7.2E+01 1/ 0 Zr-95 (3.0E+01 - 3.0E+01) (#ZZ1) (3.0E+01 - 3.0E+01) 8.2E+00 (0 / 1) no samples 0-2 miles NW-NN 8.2E+00 (0 / 1) 5.5E+01 Nb-95 1/ 0 (8.2E+00 - 8.2E+00) (#221) (8.2E+00 - 8.2E+00) 2.5E+01 (0 / 1) no sample. 2.5E+01 (0 / 1) 0-Z miles NW-NN 8a-140 1/0 8.0E+02

2.62+02

1/ 0

La-140

(2.5E+01 = 2.5E+01)

-6.8E+01 (0 / 1)

(-6.8E-01 --6.8E+01)

(#221)

(#221)

0-2 miles NW-NN

(2.5E+01 - 2.5E+01)

-6.8E+01 (0 / 1)

(-6.8E+01 --6.8E+01)

no samples

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VILUES. (--- USED WHEN THERE IS NO REQUIREMENT.)

^{**} FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

TYPE	TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	OF DETECTION *	INDICATOR LOCATIONS MEAN (+) ** RANGE	LOCATION WITH MIGHEST LOCATION INFORMATION	HIGHEST AHNIAL MEAN MEAN (f) ** PANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
1-131	1/ 0	9.2E+03	3.2E+03 (0 / 1) (3.2E+03 = 3.2E+03)	0-2 miles W-WRW (#Z31)	3.2E+03 (6 / 1) (3.2E+93 - 3.2E+03)	no samples
Cs-134	1/ 0	2,25+01	-1.3E+01 (0 / 1) (-1.3E+011.3E+01)	0-2 miles W-WWW (#231)	-1,3E+01 (0 / 1) (-1,3E+011,3E+01)	no samples
Cs-137	1/ 0	2.3E+01 1.5E+02	4.5E+00 (0 / 1) (4.5E+00 ~ 4.5E+00)	0-2 miles W-WWW (#231)	4,5E+00 (0 / 1) (4,5E+00 - 4,5E+00)	samples ou
Mn-54	17.0	2.5E+01 1.3E+02	3.6E+00 (0 / 1) (3.5E+00 - 3.6E+00)	0-2 miles W-WWW (#231)	3.6£+00 (0 / 1) (3.6£+00 ~ 3.6£+90)	ne samples
Fe-59	1/ 0	1,46+02	2.6E+01 (0 / 1) (2.6E+01 = 2.6E+01)	0-2 miles W-WWW (#231)	2.6E+01 (0 / 1) (2.6E+01 = 2.6E+01)	no samples
SC58	0 /1	4,15+01	3.6E+00 (0 / 1) (3.6E+00 - 3.6E+00)	0-2 miles C-WNW (#231)	3.6E+05 (0 / 1) (3.6E+00 = 3.6E+00)	no samples
09-02	1/ 0	2.7E+01 1.3E+02	1.1E+01 (0 / 1) (1.3E+01 + 1.1E+01)	0-2 miles W-WNW (#Z31)	1.1E+01 (0 / 1) (1.1E+01 = 1.1E+01)	no samples
29-uz	1/ 0	5.2E+01 2.6E+02	-2.4E+01 (0 / 1) (-2.4E+012.4E+01:	0-2 miles W-WAVV (#231)	-2.4E+01 (0 / 1) (-2.4E+01 =-2.4E+01)	uo saubies
56-32	17.0	8,1E+01	2.2E+00 (0 / 1) (2.2E+06 - 2.2E+00)	0-2 miles W-WWW (#231)	2.2E+00 (0 / 1) (2.2E+00 = 2.2E+00)	saldies ou
N6-95	17.0	8,3E+01	-1.8E+01 (0 / 1) (-1.8E+011.8E+01)	0-2 miles W-WWW (#231)	-1.8E+01 (0 / 1) (-1.8E+0',1.8E+01)	no samples
Se-140	1/ 0	2,56+03	8.3E+62 (U / 1) (8.3E+62 - 8.3E+02)	0-2 miles W-WWW (#231)	8.3E+02 (0 / 1) (8.3E+02 - 8.3E+02)	saidues ou
071-07	17.0	1.36+03	5.3E+02 (0 / 1) (5.3E+02 w 5.3E+02)	0-2 miles W-WNW (#231)	5.3E+02 (0 / 1) (5.3E+02 - 5.3E+02)	saldues ou

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE S

MEDITIM: Pigeon

MEAN (f) ** RANGE	saldues ou	no samples	saldwes ou	no samples	no samples	no samples	no samples	no samples	no samples	no samples	no samples	sajdues ou
LOCATION WITH HIGHEST ANNUAL MEAN CATION REAN (f) ** RANGE	-2.5E+62 (0 / 1) (-2.5E+62 4-2.5E+62)	-1.5E+01 (0 / 1) (-1.5E+01 4-1.5E+01)	5.8E+01 (1 / 1) (5.8E+01 = 5.8E+01)	-6.0E+00 (6 / 1) (-6.0E+006.0E+00)	-9.0E+63 (0 / 1) (-9.0E+00 *-9.0E+00)	-7.6E+00 (0 / 1) (-7.6E+007.6E+00)	6.7E+00 (0 / 1) (6.7E+00 + 6.7E+00)	-2.2E+01 (0 / 1) (-2.2E+01 +-2.2E+01)	-2.0E+01 (0 / 1) (-2.0E+01 +-2.0E+01)	2.1E+01 (0 / 1) (2.1E+01 + 2.1E+01)	-4.5E+0 (0 / 1) (-4.5E+, +-4. E+01)	2.4E+01 (0 / 1) (2.4E+01 + 2.4E+01)
LOCATION WITH H LOCATION THFORMATION	<1 mile 5 (#241)	<1 mile 5 (#241)	0-2 miles SW-WS (#Z41)	<1 mile S (#241)	<1 mile S (#241)	<1 mile S (#241)	<1 mile \$ (#241)	<pre><1 mile 5 (#241)</pre>	0-2 miles SW-WS (#241)	0-2 miles SW-WS (#241)	<1 mile S (#241)	0-2 miles SW-WS (#241)
INDICATOR LOCATIONS MEAN (f) ** RANGE	-9.7E+02 (0 / 2) (-1.7E+03 ~-2.5E+02)	-1.7E+01 (0 / 2) (-2.0E+011.5E+01)	2.9E+01 (1 / 2) (-1,1E+00 = 5.8E+01)	-7.2E+00 (0 / 2) (-8.4E+00 *-6.0E+90)	-1.6E+01 (0 / 2) (-2.2E+01 *-9.0E+(-9.3E+00 (0 / 2) (-1.1E+017.5E+00)	5.7E+00 (0 / 2) (4.7E+00 + 6.7E+00)	-3.3E+01 (0 / 2) (-4.5E+012.2E+01)	-2.1E+01 (0 / 2) (-2.2E+012.0E+01)	9.7E+00 (0 / 2) (-1.7E+00 = 2.1E+01)	-2.4E+02 (0 / 2) (-4.4E+024.5E+01)	-4.0E+03 (0 / 2) (-8.0E+03 + 2.4E+01)
DE DETECTION *	3.05+03	1,46+01	1,4E+01 1,5E+0.	1.46+01	6.2E+01 2.6E+02	2.15+01	1.6E+01 1.3E+02	3,55+01	3.8E+01	4,16+01	9,46+02	6.1E+03
TOTAL ANALYSE NONROYTIC MEASUREMENTS	2/ 0	2/ 0	0 /2	2/0	5/0	5/ 0	2/ 0	27.0	0 /2	27.0	2/ 0	2/ 0
ANALYSIS	1-131	Cs-134	Cs-137	M11-54	Fe-59	Co-58	09-03	59-42	25-95	Nb-95	8a-140	18-140

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES, (--- USED WHEN THERE IS NO REQUIREMENT.) ** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

UNITS: pci/Kg wet wt MEDIUM: Piscivorous Fish

T	00	00		00	20		00	00	00	0.0	00	00
CONTROL LOCATIONS MEAN (f) ** RANGE	-5.4E+01 (0 / 1) (-5.4E+015.4E+01)	-2.9E+00 (7 / 1 3 (-2.9E+002.9E+90)	1.6E+60 (0 / 1 3 (1.6E+60)	-4.3E+00 (0 / 1) (-4.3E+00 =-4.3E+00)	6.2E+00 (0 / 1) (6.2E+00 + 6.2E+00)	1.8E+00 (0 / 1) (1.8E+00 = 1.8E+00)	1.3E+00 (0 / 1) (1.3E+00 = 1.3E+00)	-6.6E+00 (0 / 1) (-6.6E+006.6E+00)	4.3E+00 (0 / 1) (4.3E+00 = 4.3E+00)	-6.0E+00 (0 / 1) (-6.0E+006.0E+00)	-1,1E+01 (0 / 1 (-1,1E+01 +-1,1E+01	-6.8E+00 (0 / 1) (-6.8E+00 *-6.8E+00)
WITH HIGHEST ANNUAL MEAN MEAN (f) ** RANGE	-2.3E+00 (0 / 2) (-8.5E+00 - 3.9E+00)	1,4E+00 (0 / 3) (-3,5E+00 = 9,2E+00)	8.6E+00 (1 / 3) (3.7E-01 + 2.3E+01)	1.9E-01 (1 / 3) (-9.3E+00 = 1.3E+01)	1.2E+01 (0 / 2) (-1.4E+00 = 2.5E+01)	4,6E+00 (0 / 1) (4,6E+00 + 4,6E+00)	1.2E+01 (1 / 3) (-1,1E+00 - 3.0E+01)	-4.0E+00 (0 / 2) (-6.2E+001.9E+00)	4.8E+00 (0 / 1) (4.8E+00 - 4.8E+00)	3.2E+00 (0 / 3) (-5.6E+00 ~ 1.4E+01)	3.4E+01 (0 / 1) (3.4E+01 + 3.4E+01)	6.8E+00 (0 / 1) (6.8E+00 + 6.8E+00)
LOCATION WITH LOCATION INFORMATION	2 miles E (#214)	MC9 Region 1V (#578)	MCR Region IV (#578)	MCR Region IV (#578)	2 siles E (#214)	3.5 miles S (#212)	MCR Region IV (#578)	2 miles E (#214)	3.5 mites S (#212)	MCR Region 14 (#578)	3.5 miles S (#212)	3.5 miles S (#212)
INDICATOR LOCATIONS MEAN (f) ** RANGE	-1,3E+01 (0 / 6) (-5,7E+01 = 3,9E+00)	-1.1E+00 (0 / 6) (-6.2E+00 = 9.2E+00)	5,1E+00 (1 / 6) (-3,8E+00 + 2,3E+01)	-1,1E+00 (1 / 6) (-9,3E+00 ~ 1,3E+01)	3.8E+00 (0 / 6) (-2.0E+01 ~ 2.5E+0!)	-3.7E+00 (0 / 6) (-1.7E+01 - 4.6E+00)	4.1E+00 (1 / 6) (-4.8E+00 = 3.0E+01)	-1.3E+01 (0 / 6) (-3,5E+01 =-1.6E+00)	-8.6E+00 (0 / 6) (-3.6E+01 - 4.8E+00)	1,45+00 (0 / 6)	-1.4E+01 (0 / 6) (-7.4E+01 + 3.4E+01)	-7.3E+00 (0 / 6) (-7.0E+01 + 1.2E+01)
LOWER LUMIT OF DETECTION *	9.96+01	9.9E+30 1.3E+02	1.0E+01 1.5E+02	1.0E+01 1.3E+02	3,3E+01 2,6E+02	1.2E+01	1.16+01	2.5E+01 2.6E+02	2.35+01	1.7E+01	1,1E+02	4.0E-01
TOTAL ANALYSES/ MONROUTINE MEASUREMENTS	27.0	0 /2	0 /2	0 /2	27.0	0 //	0 //	0 /2	0 /2	0 //	1/0	0 //2
ANALYSIS	1-131	Cs-134	Cs-137	Hn-54	Fe-59	85-03	09-03	Zn-65	Zr-95	Nb-95	88-140	140

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

(-3.9E+00 (0 / 1) (-6.1E-01 (0 / 1) (-4.1E+00 < 0 / 1) 3.9E-01 (0 / 1) (3.9E-01 = 3.9E-01) UNITS: pci/Kg wet wt (-7.6E+00 (G / 1) 2.6E+00 (0 / 1) (2.6E+00 ~ 2.6E+00) 1.9E+00 c 0 / 1) (1.9E+00 = 1.9E+00) (-3.2E+01 (0 / 1) -4.4E+00 (0 / 1) (-4.4E+00 =-4.4E+00) 2.3E+00 (0 / 1) (2.3E+00 - 2.3E+00) 5.9E+00 (0 / 1) (-5.0E+00 +-5.0E+00) 7.4E-01 (0 / 1) (7.4E-01 = 7.4E-01) CONTROL LOCATIONS MEAN (f) ** (-4.9E+00 (0 / 2) 6.3E+00 (0 / 2) (4.1E+00 ~ 8.5E+00) (8.5E+00 (0 / 1) 2.3E+01 (0 / 1) (2.3E+01 ~ 2.3E+01) 4.6E+00 (0 / 1) (4.6E+00 = 4.6E+00) 1.1E+01 (6 / 2) (6.0E+00 = 1.5E+01) (1.0E+01 (0 / 1) (1.0E+01 + 1.0E+01) (1,9E+00 (0 / 1) (1,9E+00 - 1,9E+00) 3.0E+01 (0 / 1) (3.0E+01 + 3.0E+01) 2.5E+01 (8 / 2) (3.0E+00 = 4.7E+01) (-7.3E+00 (0 / 1) 4.6E+00 (0 / 1) (4.6E+00 - 4.6E+00) MEAN (f) ** LOCATION WITH HIGHEST ANNUAL MEAN RANGE >10 miles N-NNE MCR Region IV (#578) MCR Region IV (#578) MCR Region IV (#578) MCR Region IV (#578) 3.7 miles SE INSCRNATION LOCATION 2 miles E (#214) 2 miles E (#214) 2 miles E 2 miles E 2 miles E 2 miles E (#214) (917#) (\$237) (#214) (#214) (#514) 1.3E+01 (0 / 4) (-8.3E+00 ~ 4.7E+01 3.5E+00 (0 / 4) (-3.1E+00 + 8.5E+00) -5 (-2.1E+01 - 1.6E+01) (-5.8E+00 = 8.3E-01) (-3.3E+01 (0 / 4) (-1.8E+01 =-1.1E+05) (-3.CE+00 = 8.5E+00) 5.9E+00 (0 / 4) (-2.0E+03 = 1.0E+01) (-9.5E+01 - 5.6E+01) 6.4E+00 (C / 4) (-1.3E+01 + 2.3E+01) (-5.0E+00 + 4.6E+00) (-1.9E+00 = 4.6E+00) INDICATOR LOCATIONS
MEAN (f) ** -8.3E+00 (0 / 10 1.8E+00 (0 / -7.7E+00 C -1, iE+00 (Fish Arthropodivorous LOWER LIMIT OF DETECTION 1.36+02 1.16+01 1,05+01 1.06+07 3,12+01 2,6E+02 1.3E+02 2.4E+01 2.6E+02 1.0E+02 1.16+02 4.7E+01 2.36+01 1.65+07 TOTAL ANALYSES/ MEASUREMENTS NCHROUTINE 27.0 2/ 0 0 27 0 0 Ç, 0 0 0 0 0 0 25 25 25 55 25 15 25 15 15 MEDIUM: AMALYSIS Cs-137 98-140 140 La-140 Cs-134 Fe-59 09-00 BALL Mri-54 Co-58 Zn-65 2r-95 NP-95

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^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

UNITS: pci/Kg wet wt nktivorous Fish

LOCATION WITH RIGHEST ANNUAL MEAN CONTROL LOCATIONS	MEAN (T) TANGE	6.6E+00 (0 / 1) no samples (5.6E+00 ~ 6.6E+00)	-1.6E+00 (0 / 1) no samples (-1.6E+001.6E+00)	3.4E+00 (0 / 1) no semples (3.4E+00 + 3.4E+00)	-1,9E+00 (0 / 1) no samples (-1,9E+001,9E+00)	IV 1.6E+01 (0 / 3) no samples (-8.0E-01 + 4.3E+01)	-1.5E+00 (0 / 1) no semples (-1.5E+001.5E+00)	1V -3.0E-0° (0 / 3) nc samples (-4.3E+00 + 5.1E+00)	1,9E+06 (0 / 1) no samples (1,9E+06 = 1,9E+00)	4.8E-01 (0 / 1) no samples (4.8E-01 + 4.8E-01)	-3.5E+00 (0 / 1) no samples (-3.5E+00 =-3.5E+00)	2.3E+01 (0 / 1) no samples (2.3E+01 + 2.3E+01)	20 January 200
LOCATION	LOCATION INFORMATION	2 miles E (#214)	2 miles E (#214)	2 miles E (#214)	2 miles E (#214)	MCR Region IV (#578)	2 miles E (#214)	MCR Region 1V (#578)	2 miles E (#214)	2 miles E (#214)	2 miles E (#214)	2 miles E (#214)	
INDICATOR LOCATIONS	MEAN (f) ** RANGE	7.7E-01 (0 / 4) (-3.3E+01 + 5.2E+01)	-5.8E+D0 (5 / 4.) (-1.2E+D1 +-1.6E+D0)	-3.8E-01 (0 / 4.3 (-1.3E+0! = 5.0E+00)	-2.8E+50 (0 / 4) (-8.2E+00 = 1.9E+00)	1.1E+01 (0 / 4) (-2.1E+00 = 4.3E+01)	-1.6E+00 (0 / 4) (-4.4£+00 = 1.0E+00)	-1.0E+00 (0 / 4.) (-4.3E+00 = 5.1E+00)	-5.6E+00 (0 / 4) (-1.7E+01 = 1.9E+00)	-7.5E-01 (0 / 4) (-7.1E+00 - 6.1E+00)	-5.2E+00 (0 / 4) (-1.2E+013.7E-01)	-7.6E+00 (0 / 4) (-5.7E+01 = 2.3E+01)	
LOW-R LINIT	OF UZTECTION *	1.35+02	1,46+01	1,46+01	1,2E+01 1,3E+02	4.1E+01 2,6E+02	1.5E+01 1.3E+02	1,4E+01	3.0E+01 2.6E+02	2.9E+01	2.1E+01	5,4E+02	
TOTAL ANALYSES/ LOWER I	NONROUTINE MEASUREMENTS	9/4	0 /5	0 /7	0 /7	0 /5	0 /7	0 /7	0 /4	9 /7	0 /7	0 /7	The second live and the se
IEDIUM:	TYPE	1-131	Cs-134	Cs-137	Nn-54	Fe-59	Co-58	09-03	Zn-65	27-95	Nb-95	8a-140	

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (#)

TABLE 5

10.									-			
CONTROL LOCATIONS MEAN (f) ** RANGE	saldaes ou	ne samples	so samples	no samples	saldus ou	saidues os	no samples	no samples	no samples	saidues ou	salduss ou	saidues ou
LOCATION WITH HIGHEST AMBIAL MEAN CATION SAMATION RANGE	4.2E+00 (0 / 1) (4.2E+00 - 4.2E+00)	7.6E-01 (0 / 3) (-2.4E+00 + 2.2E+00)	6,1E+01 (3 / 3) (4,2E+01 = 7,9E+01)	1.5E+01 (1 / 1) (1.5E+01 + 1.5E+01)	-3,4E+00 (0 / 3) (-5,7E+00 +-5,7E-01)	7.7E+01 (1 / 1) (7.7E+01 = 7.7E+01)	1.7E+01 (1 / 1) (1.7E+01 - 1.7E+01)	2.7E+30 (0 / 3) (1.2E+90 - 5.0E+00)	1,3E+01 (0 / 1) (1,3E+01 - 1,3E+01)	1.5E+01 (0 / 3) (-3.7E+00 = 3.5E+01)	2.2E+00 (0 / 3) (-1.3E+00 + 7.6E+00)	1.1E+02 (1 / 1) (1.1E+02 + 1.1E+02)
LOCATION WITH LOCATION INFORMATION	<pre><1 mile S (#241)</pre>	2 miles E (#214)	2 miles E (#214)	1 mile SW (#215)	2 miles E (#214)	1 mile SW (#215)	1 mile SW (#215)	2 miles E (#214)	1 mile SW (#215)	2 miles E (#214)	2 miles E (#214)	<1 mile S (#241)
INDICATOR LOCATIONS MEAN (f) ** RANGE	-5.7E-01 (0 / 5) (-1.2E+01 = 6.3E+00)	-4.5E+01 (0 / 5.) (-1,3E+02 = 2.2E+00)	5.2E+01 (5 / 5) (3.4E+01 ~ 7.9E+01)	3.8E+00 (1 / 5) (-8.1E-01 + 1.5E+01)	-3.8E+00 (0 / 5) (-5.7E+005.7E-01)	2.2E+01 (2 / 5) (3.6E-01 ~ 7.7E+01)	6.0E+00 (2 / 5) (-9.5E-01 = 1.7E+01)	-3.0E+01 (0 / 5) (-8.9E+01 = 5.0E+00)	4.3E+00 (0 / 5) (-9.7E-01 = 1.3E+01)	1.5E+90 (0 / 5) (-3.1E+01 = 3.5E+01)	1.2E+00 (0 / 5) (-1.5E+00 = 7.6E+00)	8.9E+01 (5 / 5) (4.9E+01 = 1.1E+02)
LOWER LIMIT OF DETECTION *	2.6E+01	9.2E+00	1.9E+01 1.5E+02	7.8E+00 1.3E+02	1,66+01	7.66+01	6.5E+90 1.3E:32	1,7E+01 2.6E+02	1.6£+01	4.0E+01	1,2E+31	9.3£+00
TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	0 /5	5/ 0	3/0	27.0	2/ 0	27.0	2/ 0	9/6	2/ 0	5/ 0	5/ 0	2/ 0
AMALYSIS	1-131	Cs-134	Cs-137	25-M	Fe-59	Co-58	09-03	59-uz	\$6-42	8a-140	19-140	Ag-110M

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.) ** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	LOCATION WITH HIGHEST ANNUAL MEAN CONMATION HEAN (f) ** CAMMATION RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
and the second	5.16+02	-1,4E+02 (0 / 2) (-2,9E+02 + 8,5E+00)	>10 miles (#222)	8.5£*C0 (0 / 1) (8.5£*00 = 8.5£*00)	no samples
a Street Workship or the	5.5E+01 1.3E+02	-7.9E+01 (0 / 2) (-1.5E+023.3E+00)	>10 miles (#222)	-3.3E+00 (0 / 1) (-3.3E+003.3E+00)	uo saubles
	5.6E+01 1.5E+02	8.3E-01 (0 , 2) (-1.9E+00 - 3.6E+00)	MCR Region IV (#578)	3.6E+00 (0 / 1) (3.6E+06 * 3.6E+00)	saldus ou
-	5.1E+01 1.3E+02	6.8E+00 (0 / 2) (-2.9E-01 + 1.4E+01)	MCR Region IV (#578)	1,46+01 (0 / 1) (1,46+01)	no samples
-	1,2E+02 2,6E+02	-4.0E+01 (0 / 2) (-8.5E+01 - 6.0E+00)	>10 miles (#222)	6.0E+00 (0 / 1) (6.0E+00 = 6.0E+00)	no samples
	5.5E+01 1.3E+02	(-8.2E+01 (0 / 2)	>10 miles (#222)	2.0E+00 (0 / 1) (2.0E+00 + 2.0E+00)	no samples
	6,0E+01 1,3E+02	-3.8E+50 (0 / ?) (-8.5E+00 - 8.6E-01)	>10 miles (#222)	8.6E-01 (0 / 1) (8.6E-01 - 8.6E-01)	no samples
1	1.1E+02	(-9.8E+01 (0 / 2)	>10 miles (#222)	2.3E+00 (0 / 1) ; 2.3E+00 = 2.3E+00)	no samples
1	9.5E+01	-2.9E+01 (0 / 2) (-5.9E+01 + 5.8E-01)	>10 miles (#222)	5.8E-01 (0 / 1) (5.8E-01 - 5.8E-01)	no samples
	8.1E+01	3.2E+01 (0 / 2) (-1.9E+00 - 6.7E+01)	MCR Region IV (#578)	6.7E=01 (0 / 1) (6.7E=01 = 6.7E=01)	no samples
	5. 5E+02	-3.6E+01 (0 / 2) (-6.9E+01 +-3.1E+00)	>10 miles (#222)	-3.1E+00 (0 / 1) (-3.1E+0C3.1E+00)	saldus ou
	2.2E+02	4.5E+01 (0 / 2) (8.8E+00 ~ 8.0E+01)	MCR Region IV (#578)	8.0E+01 (6 / 1) (8.0E+01 - 8.0E+01)	saidues ou
1	2.4E+02	2.2E+02 (0 / 1) (2.2E+02 + 2.2E+02)	MCR Region IV (#578)	2.2E+02 (0 / 1) (2.2E+02 - 2.2E+02)	no samples

^{*} AVERAGE MEASURED (LD AND TABLE C-2 VALUES, (*** USED WHEN THERE IS NO RESUTEMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHELES. (†)

TABLE S

UNITS: pCi/Kg wet wt

MEDIUM: Beef Meat

TYPE	TOTAL ANALYSES/ NONROUTINE MEASUREMENTS	LOWER LIMIT OF DETECTION *	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	LOCATION WITH RIGHEST ANNUAL MEAN CCATION RANGE RANGE	MEAN (f) ** RANGE
1-131	1/0	3.8E+03 6.0E+01	-1.3E+03 (0 / 1) (-1.3E+03 =-1.3E+03)	4-6 miles SE-55 (#263)	-1.3E+03 (0 / 1) (-1.3E+03 *-1.3E+03)	no samples
Cs-134	1/ 0	4.2E+00 6.0E+01	.4.4E+00 (3 / 1) (-4.4E+004.4E+00)	4-6 miles SE-SS (#263)	-4.4E+00 (0 / 1) (-4.4E+004.4E+00)	no samples
Cs-137	1/ 0	4.6E+00 8.0E+01	6.8E-C1 (0 / 1) (6.8E-01 = 6.8E-01)	4-6 miles SE-SS (#263)	6.8E-01 (0 / 1) (6.8E-01 = 6.8E-01)	no samples
Mn-54	1/ 0	5.5E+00	-1.2E+00 (0 / 1) (-1.2E+001.2E+00)	4-6 miles SE-SS (#263)	-1.2E+00 (0 / 1) (-1.2E+00 =-1.ZE+00)	no samples
Fe-59	1/0	7.65+01	-2.8E+01 (0 / 1) (-2.8E+012.3E+01)	4-6 miles SE-SS (#263)	-2.3E+01 (0 / 1) (-2.8E+012.8E+01)	no samples
Co-58	1/0	1.6E+01	2.3E+00 (0 / 1) (2.3E+00 = 2.3E+00)	4-6 miles SE-SS (#263)	2.3E+00 (0 / 1) (2.3E+00 * 2.3E+00)	no samples
09-03	0 /1	4.8E+00	-7.0E-01 (0 / 1) (-7.0E-01 *-7.0E-01)	4-6 mites SE-SS (#263)	-7.0E-01 (0 , 1) (-7.0E-01)	no samples
Zn-65	17.0	1,5E+01	5.0E+65 (0 / 1) (5.0E+00 + 5.0E+00)	4-6 miles SE-SS (#263)	5.0E+00 (0 / 1) (5.UE+00 + 5.0E+00)	no samples
25-75	0 /1	2,7£+01	-2.0E+01 (0 / 1) (-2.0E+012.0E+01)	4-6 miles SE-5S (#263)	-2.0E+01 (0 / 1) (-2.0E+01 #-2.0E+01)	no samples
NP-95	17.0	5.8£+01	-4.9E+00 (0 / 1) (-4.9E+004.9E+00)	4-6 miles SE-SS (#263)	-4.9E+00 (0 / 1) (-4.9E+00 =-4.9E+00)	n, samples
89-140	1/0	1.5£+04	2.8E+03 (0 / 1) (2.8E+03 + 2.8E+03)	4-6 miles SE-SS (#263)	2.8E+03 (0 / 1) (2.8E+03 - 2.8E+03)	no samples
140	1/0	4,4£+03	0.0E+00 (0 / 1) (0.0E+00)	4-6 miles SE-SS (#263)	0.0E+00 (6 / 1) (0.0E+00 = 0.0E+09)	swippies ou

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES, (--- USED WLEN THERE IS NO REQUIREMENT.) ** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

UNITS: pCi/Kg wet wt

* AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (†)

TABLE 5

8:												
CONTROL LOCATIONS MEAN (f) ** RANGE	no sampies	saldwes ou	saldus ou	saidues ou	. 90	saldwas ou	sajdus ou	no samples	sejdues ou	no samples	no samples	no sempi∾s
IIGHEST ANNUAL MEAN MEAN (f) ** RANGE	-3.6E+02 (0 / 2) (-4.3E+022.8E+02)	-5.0E+00 (0 / 2) (-6.3E+003.6E+00)	(-9.6e-01 + 6.7e-02)	(-1,5E+00; 0 / 2)	-1,6E+01 (0 / 2) (-1,8E+011,5E+01)	-2.4E-00 (0 / 2) (-2.6E+002.1E+00)	-2.2E-01 (0 / 2) (-7.6E-01 - 3.2E-01)	-8.5E+00 (0 / 2) (-1.1E+015.7E+00)	-6.1E+56 (0 / 2) (-1.4E+01 * 1.4E+00)	-1.7E+00 (0 / 2) (-4.2E+00 = 8.8E-01)	-1,2E+62 (0 / 2) (-2,9E+02 + 5,0E+01)	-6.0E+01 (0 / 2) (-6.7E+01 *-5.2E+01)
LOCATION WITH NIGHEST LOCATION INFORMATION	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#262)	2-4 miles SE-5S (#Z62)	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#262)	2-4 miles SE-SS (#Z62)	2-4 miles SE-SS (#262)
INDICATOR LOCATIONS MEAN (f) ** RANGE	-3.6E+02 (U / 2) (-4.3E+02 ~-2.8E+02)	-5.0E+00 (0 / 2) (-6.3E+00 =-3.6E+00)	-4.5E-01; 0 / 2)	-1,4E+00 (0 / 2) (-1,5E+50 +-1,4E+00)	-1.6E+01 (0 / 2) (-1.8E+01 *-1.5E+01)	-2.4E+00 (0 / 2) (-2.6E+00 +-2.1E+00)	-2.2E-01 (0 / 2) (-7.6E-01 = 3.2E-01)	-8.5E+00 (0 / 2) (-1.1E+015.7E+00)	-6.1E+00 (0 / 2) (-1.4E+01 - 1.4E+00)	-1.7E+06 (0 / 2) (-4.2E+00 - 8.8E-51)	-1.2E+02 (0 / 2) (-2.9E+02 - 5.0E+01)	-6.0E+01 (0 / 2) (-6.7E+015.2E+01)
COMER LIMIT OF DETECTION *	7,5E+02	3.8E+00	4.2E+00 1,5E+02	4.46+00	2.2E+01 2.6E+02	7.0E+00 1.3E+02	4,5E+00 1,3E+02	1.2E+01 2.6E+02	1.3E+01	1.35+01	3.7E+02	1.05+02
TOTAL ANALYSES/ NONROWTINE MEASUREMENTS	0 /2	2/ 0	0 /2	2/ 0	2/ 0	27.0	2/ 0	0 /2	0 /2	0 /2	0 /2	2/ 0
ANALYSIS TYPE	1-131	Cs-134	Cs-137	Mn-54	Fe-59	56-02	09-00	Zn-65	56-32	56-9K	88-140	071-97

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE 5

AKAI YCIC	TOTAL ANALYSES/	LOWER LIMIT	INDICATOR LOCATIONS	LOCATION WITH HIGHEST	HIGHEST ANNUAL MEAN	CONTROL LOCALIONS	
	MONROUTINE MEASUREMENTS	OF DETECTION *	NEAN (f) ** RANGE	LOCATION	2	RANGE	
	2/ 0	5,0E+03	-2.1E+02 (0 / 2) (-2.4E+03 + 2.0E+03)	0-2 miles W-WWF (#231)	-2.1E+02 (0 / 2) (-2.4E+03 = 2.0E+03)	saldies ou	
	0 /2	1,36+01	-1.1E+01 (0 / 2) (-1.5E+01 *-6.9E+0C)	0-2 miles 4-488 (#231)	-1.1E+01 (0 / 2) (-1.5E+01 *-6.9E+00)	seldmes on	
	0 /2	1.2E+01	-9.4E-01 (0 / 2) (-7.4E+00 - 5.5E+00)	0-2 miles W-WHW (#231)	-9.4E-01 (0 / 2) (-7.4E+00 = 5.5E+00)	saldwa ou	
18	27.0	1.45+01	1,0E+00 (0 / 2) (-3,2E+00 - 5,3E+60)	0-2 miles W-WWW (#231)	1.0E+00 (0 / 2) (-3.2E+00 = 5.3E+00)	no samples	
	2/ 0	7.1E+01	-2.5E+01 (0 / 2) (-3.7E+011.2E+01)	0-2 miles W-WWW (#231)	-2.5E+01 (0 / 2) (-3.7E+011.2E+01)	no semples	
	2/ 0	2,1E+01	-1.1E+01 (0 / 2) (-1.2E+011.7E+01)	0-2 mites W-UNW (#231)	-1.1E+01 (0 / 2) (-1.2E+01 +-1.0E+01)	no samples	
	27.0	1.3£+01	-1.1E+00 (0 / 2) (-2.2E+00 - 0.0(+00)	0-2 miles W-WWW (#231)	-1.1E+00 (0 / 2) (-2.2E+00 = 0.0E+50;	no samples	
	0 /2	3,56+01	-8,9E+00 (0 / 2) (-1,3E+014,5E+10)	0-2 miles W-WWW (#231)	-8.9E+00 (0 / 2) (-1.3E+014.5E+00)	rio samples	
	0 /2	4.36+01	-5.0E+00 (0 / 2) (-1.2E+01 + 2.5E+06,	0-2 miles W-WWW (#231)	-5.0E+00 (0 / 2) (-1.2E+01 + 2.5E+00)	no samples	
	0 /2	4.5E+01	.7.6E+00 (0 / 2) (-2.2E+01 - 6.6E+00)	0-2 miles W-SNW (#231)	-7.6E+00 (0 / 2) (-2.2E+01 - 6.6E+00)	no samples	
	0 /2	1.2E+03	.7.1E+02 (0 / 2) (-9.9E+024.2E+02)	0-2 miles W-WWW (#231)	-7.1E+02 (0 / 2) (-9.9E+024.2E+02)	saldus ou	
	5/ 0	5,4E+02	-1.4E+02 (0 / 2) (-2 8E+02 =-2.8E+02)	0-2 miles W-WW (#231)	-1.4E+02 (0 / 2) (-2.8E+022.8E+02)	no samples	

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (*-* USED WHEN THERE IS NO REGUIREMENT.)

TABLE 5

3.1E-04 (0 / 4) (-1,4E-03 - 3.0E-03) 7.4E-04 (0 / 4) (-1.7E-03 = 3.2E-03) 1.9E-05 (0 / 4) (-8.5E-06 + 7.0E-05) 4 3 -1,6E-05 (0 / 4) (-4,5E-05 = 4,0E-05) -6.5E-06 (0 / 4) (-2.9E-04 - 3.2E-04) (-3.1E-03 - 2.5E-03) UNITS: pci/M'3 1.86-02 (52 / 52) (6.2E-03 + 3.5E-02) (-3.4E-04 --1.8E-04) (-6.3E-05 4-1.9E-05) (-1.3E-04 = 1.7E-04) (-3.8E-04 (0 / 4) (-2.8E-04 - 1.7E-54) (-1,5E-04 (0 / 4) CONTROL LOCATIONS MEAN (f) ** (-3.0E-04 (-0/4) 1.5E-04 (0 / 4) (-1.6E-04 = 5.2E-04) (-3,4E-04 (0 / 4) 4,7E-05 (0 / 4) (-1,6E-04 = 1,9E-04) 5.0E-05 (0 / 4) (-9.7E-05 - 1.5E-04) 4.2E-05 (0 / 4) (-2.4E-05 = 1.2E-04) 5.9E-05 (0 / 4) (-1.6E-05 + 2.3E-04) 4.4E-05 (0 / 4) (-4.1E-06 = 7.1E-04) 2.0E-03 (0 / 4) (-3.5E-03 ~ 9.4E-03) (-3,15-03 + 2,9E+6d) 1.8E-02 (52 / 52) (7.7E-03 = 3.5E-02) 1.7E-03 (0 / 8) (-4.4E-03 = 8.9E-03) MEAH (f) ** LOCATION WITH HIGHEST ANNUAL MEAN -1.7E-04 (0 / RANGE 3.5 miles ESE (#006) 3.5 miles ESE (#006) 14 miles NNE 14 miles NNE 14 miles NNE INFORMATION. 11 miles W (#037) 9 miles NW (#039) 1 mile NNW (#016) 1 mile NKW 1 mile NNW 1 mile. N 1 mile N (#001) 1 mile # (#016) (#016) (#033) (#033) (#00#) (#033) (-5.1E-04 (0 / 36) (-2.1E-04 + 2.3E-04) (-5.2E-05 (0 / 36) (-8.6E-04 = 2.8E-04) (-8.7E-03 = 9.4E-03) 2,2E-01 (0 / 36) (-3,7E-03 = 2,9E+00) (-5.3E-04 (0 / 36) 2.1E-05 (0 / 36) (-1.5E-04 + 2.9E-04) (-1,9E-05 (0 / 36) (-1.1E-03 + 7.0E-04) (-1,7E-04 - 2,5E-04) 1.8E-02 (462 / 462) (5.7E-03 = 3.7E-02) (-1,1E-02 = 1,0E-02) INDICATOR LOCATIONS MEAN (f) ***
RANGE -1.0E-05 (-1.35-04 (Airborne Particulate OF DETECTION LOWER LIMIT 1.06-03 1.5E-02 7.0E-02 2.3E-04 5.0E-02 2.4E-04 6.0E-02 1.06+30.1 7.45-04 1.2E-02 2.5E-04 1,18-03 3.96-04 2.46-04 5.7E-04 7.68-04 TOTAL ANALYSES/ MEASUREMENTS MONROUTINE 0 /07 0 /07 Ø 0 0 0 Ç) 43 O 0 0 0 70% 407 /05 105 707 /07 707 100 707 397 MEDIUM: ANALYSIS Ba-140 18-140 Cs-134 Cs-137 Fe-59 Co-58 09-03 2n-65 2r-95 TYPE 1-131 ND-95 Mn-54 Seta

^{*} AVERAGE MEASURED LLD AND TABLE C.-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TABLE S

UNITS: pCi/M"3

MEDIUM: Air Iodine

CONTROL LOCATIONS MEAN (f) ** RANGE	(-1, te-02 = 5,9e-03)
LOCATION WITH HIGHEST ANNUAL MEAK. LOCATION MEAN (f) ** INFORMATION RANGE	-5.0E-04 (0 / 52) -5.0E (-1.1E-02 - 5.0E-03) (-1
LOCATION WITH LOCATION INFORMATION	11 miles W (#037)
INDICATOR LOCATIONS MEAN (+) ** RANGE	-1,3E-03 (0 / 465) (-4,9E-02 ~ 6,2E-03)
LOWER LIMIT OF DETECTION *	8.9E-03 7.0E-02
TOTAL ANALYSES/ LOWER LIMIT NONROUTINE OF DETECTION MEASJREMENTS	517/ 0
ANALYSIS	1:131

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (†)

TABLE 5

MEDIUM: Immersion Dose by TLD

UNITS: mR/STD Quarter

ANALYSIS TYPE	TOTAL ANALYSES/ NONROUTINE MEASUREHENTS	LOWER LIMIT OF DETECTION	INDICATOR LOCATIONS MEAN (f) ** RANGE	LOCATION WITH LOCATION INFORMATION	H HIGHEST ANNUAL MEAN MEAN (f) ** RANGE	CONTROL LOCATIONS MEAN (f) ** RANGE
Gamma	177/ 0	-:-	1.5E+01 (169 / 169) (1.2E+01 + 1.9E+01)	1 mile W (#013)	1.9E+01 (8 / 8) (1.8E+01 ~ Z.1E+01)	1.6E+01 (8 / 8) (1.4E+01 + 1.8E+01)

^{*} AVERAGE MEASURED LLD AND TABLE C-2 VALUES. (--- USED WHEN THERE IS NO REQUIREMENT.)
** FRACTION OF DETECTABLE MEASUREMENTS AT SPECIFIED LOCATIONS IS INDICATED IN PARENTHESES. (f)

TAILE 6
PERFORMANCE SUMMARY FOR PROGRAM CONTROLS

Performance Objective	Performance Goal	Performance
±15% accuracy for inter- and intra- laboratory quality control samples	Meet performance objective 95% of the time	95% Goal Met
15% precision for replicate inter- and intralaboratory quality control samples	Meet performanch objective 95% of the time	99% Goal Met
Analyze REMP samples in order to meet required LLDs	Meet the LLD requirements 95% of the time	100% Goal Met
Perform the analysis of REMP samples within 30 days of sample receipt	Meet performance objective 100% of the time	98% Goal Not Me
Collect and analyze required samples as scheduled	Meet performance objective 95% of the time	99% Goal Met
Maintain a minimum of 20% quality control sample load which will include field duplicates and splits, reagent blanks, blinds, etc.		100% Goal Met