Wolf Creek
Nuclear Operating Corporation

Dustin T. Hamman
Director Nuclear and Regulatory Affairs

April 22, 2026
001381

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Docket Numbers 50-482 and 72-79: Wolf Creek Generating Station 2025 Annual Radioactive Effluent Release Report – Report 49

Commissioners and Staff:

Wolf Creek Nuclear Operating Corporation (WCNOC) hereby submits the Wolf Creek Generating Station (WCGS) 2025 Annual Radioactive Effluent Release Report (Report 49) for the period January 1, 2025, through December 31, 2025. This report is submitted pursuant to Section 5.6.3 of the WCGS Technical Specifications.

In accordance with Section 5.5.1 of the WCGS Technical Specifications, a review of the following procedures was performed: AP 07B-003, "Offsite Dose Calculation Manual," Revision 10; AP 07B-004, "Offsite Dose Calculation Manual (Radiological Environmental Monitoring Program)," Revision 23; and AP 31A-100, "Solid Radwaste Process Control Program," Revision 9. As no changes were made to these procedures during the last reporting period, copies are not included with this submittal.

This letter contains no commitments. If you have any questions concerning this matter, please contact me at (620) 364-4204.

Sincerely,

Dustin T. Hamman

DTH/jbk

Enclosure: Wolf Creek Generating Station 2025 Annual Radioactive Effluent Release Report – Report 49

cc: A. N. Agrawal (NRC), w/e
S. S. Lee (NRC), w/e
J. D. Monninger (NRC), w/e
Senior Resident Inspector (NRC), w/e
WC Licensing Correspondence, w/e - RA 26-001381

Enclosure to 001381

Wolf Creek Generating Station
2025 Annual Radioactive Effluent Release Report – Report 49
(76 pages)

WOLF CREEK NUCLEAR OPERATING CORPORATION

2025 ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT

Wolf Creek Generating Station

Docket Numbers 50-482 and 72-79

Renewed Facility Operating License NPF-42

Report Number 49

WOLF CREEK NUCLEAR OPERATING CORPORATION

2025 ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT

Introduction

This Annual Radioactive Effluent Release Report (ARERR) covers the operation of Wolf Creek Generating Station (WCGS) from January 1, 2025, through December 31, 2025. The ARERR includes a summary of the quantities of radioactive liquid and gaseous effluents and solid waste released from the unit in accordance with Technical Specification 5.6.3. The content of this ARERR is presented in the general format of Revision 1 of Regulatory Guide 1.21.

I. SUPPLEMENTAL INFORMATION

A. Regulatory Limits

The Offsite Dose Calculation Manual (ODCM) describes the methodology and parameters used in the calculation of offsite doses due to radioactive liquid and gaseous effluents. The following are limits required by the ODCM:

1. GASEOUS EFFLUENTS

The dose rate due to radioactive materials released in gaseous effluents from the site to areas at and beyond the site boundary shall be limited to the following:
For noble gases: a dose rate less than or equal to 500 mrem/yr to the whole body and a dose rate less than or equal to 3000 mrem/yr to the skin, and

For Iodine-131, Iodine-133, tritium and all radionuclides in particulate form with half-lives greater than 8 days: Less than or equal to 1500 mrem/yr to any organ.

The air dose due to noble gases released in gaseous effluents to areas at and beyond the site boundary shall be limited to the following:

During any calendar quarter: Less than or equal to 5 mrads for gamma radiation and less than or equal to 10 mrads for beta radiation, and

During any calendar year: Less than or equal to 10 mrads for gamma radiation and less than or equal to 20 mrads for beta radiation.

The dose to a member of the public from Iodine-131, Iodine-133, tritium and all radionuclides in particulate form with half-lives greater than 8 days in gaseous effluents released to areas at and beyond the site boundary shall be limited to the following:

During any calendar quarter: Less than or equal to 7.5 mrems to any organ, and

During any calendar year: Less than or equal to 15 mrems to any organ.

2. LIQUID EFFLUENTS

The concentration of radioactive material released in liquid effluents to unrestricted areas shall be limited to 10 times the limit specified in 10 CFR 20, Appendix B, Table 2, Column 2, for radionuclides other than dissolved or entrained noble gases. For dissolved or entrained noble gases, the concentration shall be limited to 2.00E-04 µCi/ml total activity.

The dose or dose commitment to a member of the public from radioactive materials in liquid effluents released to unrestricted areas shall be limited:

During any calendar quarter to less than or equal to 1.5 mrems to the whole body and to less than or equal to 5 mrems to any organ, and

During any calendar year to less than or equal to 3 mrems to the whole body and to less than or equal to 10 mrems to any organ.

B. Effluent Concentration Limit (ECL)

The concentration of radioactive material released in liquid effluents to unrestricted areas shall be limited to 10 times the limit specified in 10 CFR 20, Appendix B, Table 2, Column 2, for radionuclides other than dissolved or entrained noble gases. For dissolved or entrained noble gases, the concentration shall be limited to 2.00E-04 µCi/ml total activity. The percent of ECL values are found in Appendix A, Table 4A.

C. Average Energy

Average energy of fission and activation gaseous effluents is not applicable. See ODCM section 3.1 for the methodology used in determining the release rate limits from noble gas releases.

D. Measurements and Approximations of Total Radioactivity

Measurements of total radioactivity were performed in accordance with the sampling and analysis requirements of Tables 2-1 and 3-1 of the ODCM (Enclosure I).

Gamma spectroscopy is used as the primary method in determining radionuclide composition and concentration of liquid and gaseous effluents. Liquid composites are sent off site for analysis of Sr-89, Sr-90, Fe-55, and Ni-63. Gaseous composites are also sent off site for Sr-89 and Sr-90 analysis. Liquid scintillation and scintillation alpha counters are used to measure tritium and gross alpha.

E. Batch Releases

1. LIQUID

Number of batch releases - 59

Total time period for batch release – 10,096 minutes

Maximum time period for a batch release – 773 minutes

Average time period for batch releases – 171.1 minutes

Minimum time period for a batch release – 52 minutes

Average stream flow during periods of release of effluent into a flowing stream- Not applicable

2. GASEOUS

Number of batch releases - 92

Total time period for batch release – 129,837 minutes

Maximum time period for a batch release – 63,360 minutes

Average time period for batch releases – 1411.3 minutes

Minimum time period for a batch release - 7 minutes

F. Continuous Releases

1. GASES

Continuous gaseous release pathways include the Unit Vent and Radwaste Vent.

2. LIQUID

Continuous liquid release pathways include Steam Generator Blowdown, Lime Sludge Pond, Turbine Building Sump and Waste Water Treatment.

G. Abnormal Releases

There were no abnormal releases in 2025.

II. GASEOUS EFFLUENTS

An elevated release pathway does not exist at WCGS. All airborne releases are considered to be ground level releases. Appendix A, Table 1A contains the summation of all gaseous effluent discharges, while Table 1B shows the quarterly sums of curies discharged and is divided according to batch or continuous mode.

III. LIQUID EFFLUENTS

Summary information can be found in Appendix A, Tables 2A and 2B. Table 2A contains the summation of all liquid effluent discharges, while Table 2B reports the quarterly sums of total curies released and is divided according to batch or continuous mode.

IV. SOLID WASTE

Appendix A, Table 3 contains information on shipments of solid waste and irradiated fuel transported from the site during the period.

V. INDEPENDENT SPENT FUEL STORAGE INSTALLATION (ISFSI)

There are no radiological effluents released from the Matrix Horizontal Storage Module (HSM-MX). Direct dose from this installation is reported in the Annual Radiological Environmental Operating Report (AREOR).

The dry cask ISFSI pad is located within the Protected Area Boundary (PAB).

Wolf Creek loaded its first ISFSI dry cask on the pad in January of 2022. Wolf Creek did not load any additional canisters in 2025. There are a total of eight canisters on the ISFSI Pad.

VI. RADIOLOGICAL IMPACT ON MAN

No ODCM dose limits were exceeded in 2025.

Dose calculations are performed for the limiting age group i.e., adult age group for the liquid pathway and the child age group for gaseous effluent organ doses. All calculations were performed in accordance with the methodology and parameters in the ODCM. A conservative error of thirty percent has been estimated in the effluent data for liquid and gaseous dose.

A. Dose Due to Liquid Effluents

The dose due to liquid effluents was calculated in accordance with the methodology and parameters in the ODCM and can be found in Appendix A, Tables 4B and 4C. Table 4C is included to show the correlation between curies released and the associated calculated maximum organ dose.

Wolf Creek ODCM methodology is used to calculate the maximum organ dose which assumes that an individual drinks the water and eats the fish from the discharge point. ODCM section 2.2 organ dose limits are used.

B. Dose Due to Gaseous Effluents

The dose due to gaseous effluents can be found in Appendix A, Tables 4D and 4E and is calculated in accordance with the methodology and parameters in the ODCM. Table 4E is included to show the correlation between curies released and the associated calculated maximum organ dose. The gaseous pathway dose determination is met by the ODCM methodology of assigning all gaseous pathways to a hypothetical individual residing at the highest annual X/Q and D/Q location, which assumes that an individual resides at the site boundary. This results in a conservative estimate of dose to a member of the public, rather than determining each pathway dose for each release condition. ODCM section 3.2.2 organ dose limits are used.

C. Dose to a Member of the Public from Activities Inside the Site Boundary

	Total Dose
Personnel making deliveries to the plant	2.14E-01 mrem
Public use of the cooling lake during times when fishing was allowed	2.79E-02 mrem
Workers at the William Allen White Building located outside the protected area boundary	4.67E-03 mrem
PA ISFSI South Fence*	4.87E+00 mrem

The plant delivery calculations were based on deliveries being made 3 hours per week for 50 weeks per year. The dose to anglers on the lake was based upon 3,360 hours (12 hours a day for 280 days, based on the number of days that the lake was open to anglers). The William Allen White Building occupancy was based on normal working hours of 2,000 per year. The Submersion, Inhalation and Ground Plane pathway doses were added to derive the total dose. All calculations were performed in accordance with the methodology and parameters in the ODCM.

The Pipe Fab Shop and Dry Cask Storage Fence East doses listed in 2024 were removed from the table for 2025 due to the new Protected Area Boundary (PAB) fencing that was completed in November 2024.

*The Radiation Protection (RP) department monitors various locations and buildings in the vicinity of the ISFSI area to verify exposure is within regulatory limits in addition to the monitoring done by REMP. The calculated dose here is based on a conservative 520 working hours per year and does not subtract off background readings. This area is restricted to work such as hydro excavation with explicit approval and security knowledge beforehand.

VII. METEOROLOGICAL DATA

Appendix B documents WCGS meteorological data for wind speed, wind direction and atmospheric stability.

VIII. ADDITIONAL INFORMATION

A. Unplanned Releases

CONDITION REPORTS (CR) 10039211 & 10040096 DECREASING PRESSURE TREND IN GAS DECAY TANK (GDT) #8

From December 2024 to February 2025, GDT #8 showed a slow decrease in tank pressure, going from 18.0 psi to 12.6 psi. It dropped again between February and March (12.6 psi to 10.5 psi). This decrease in tank pressure was considered an inadvertent, unplanned release of gas from the tank since none of the other tank readings showed an increase.

Permits were generated to account for the loss of pressure. Calculations verified that the dose and total curies released did not exceed any Offsite Dose Calculation Manual (ODCM) limits. These values were included in the monthly, quarterly and yearly totals for gas releases which were included in the 2024 and 2025 Annual Radioactive Effluent Release Reports.

A degraded rupture disk on the 'B' Recombiner was the cause of the system leak. The remaining volume of GDT #8 needed to be released so the repair could be made, but work was delayed due to inadvertent additions in the fall of 2024. USAR Chapter 11.3 required a 90-day holdup period after an addition to a GDT prior to releasing it. This kept pushing the planned release date back. USAR Chapter 11.3 and AP 07B-001, Radioactive Releases, were revised in 2025 to allow sampling and release of GDTs under 90 days if ODCM limits are met and Chemistry management approval is given. GDT #8 was sampled and permitted as a planned release March 10, 2025, and repairs were made.

B. ODCM

The ODCM is in the form of two separate procedures. They are AP 07B-003 (Offsite Dose Calculation Manual) and AP 07B-004 (Offsite Dose Calculation Manual - Radiological Environmental Monitoring Program). Both procedures are attached as enclosures.

C. Radwaste Treatment System Changes

There were no major changes made to the Liquid, Solid or Gaseous Radwaste Systems in 2025 that alter the capacity or handling of radioactive wastes or differ in the methods of treatment.

D. Annual Land Use Census Changes

Per the Annual Land Use Census, one change was identified for the nearest occupied residence in each sector. Seven changes were noted for the nearest garden producing broadleaf vegetation. There was one change regarding milk sample locations. The property that was producing milk for human consumption in 2024, no longer produce milk for human consumption.

E. Liquid Holdup or Gas Storage Tanks

No limits were exceeded in 2025 for Technical Requirement 3.10.1 (Liquid Holdup Tanks) or Technical Surveillance Requirement 3.10.3.1 (Gas Storage Tanks).

F. Functionality of Effluent Monitoring Instrumentation

Effluent monitoring instrumentation returned to functional status within specified time.

G. Missed Samples

There were no missed samples in 2025.

H. NEI Groundwater Protection Industry Initiative

See Appendix C

I. Other

CR 00036059 CARBON-14

Regulation 10CFR50.36a requires nuclear power plants to report quantities of principal radionuclides in the annual radioactive effluent release report. In the early 1980s, the NRC decided that C-14 radionuclide would not be required to be reported because it would not make a significant contribution to dose. Since this time, technology has advanced both for effluent isotopic reduction and isotope detection and estimation. It is more likely the C-14 meets the definition of a principal radionuclide in accordance with the newly published Regulatory Guide 1.21 Revision 2 (June 2009).

The NRC allows the reporting of this isotope based on estimation methods. EPRI TR 1021106 developed an estimation method based on peer-reviewed research that incorporates parameters of Wolf Creek's reactor design to estimate the gross amount of C-14 produced annually. This value is fed into additional calculations, based on Regulatory Guide 1.109, Calculation of Annual Doses to Man From Routine Releases of Reactor Effluents For the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I, to provide an estimation of annual dose. Based on the 2010 theoretical calculations and assuming the maximum percentage of inorganic C-14 compounds (30%), Wolf Creek has estimated the annual release of C-14 to be 10.7 curies. This will give maximum dose values of 4.60 mrem/yr child bone dose and 0.921 mrem/yr child total body dose. This is well below the 10CFR50, Appendix I, ALARA design objective of 15 mrem/yr. Additionally, this value is on par with the dose expected from naturally occurring radiocarbon.

CR 10043109 INCORRECT SAMPLE TIME USED ON CONTAINMENT PURGE PERMIT

During the review of permit packet U1GB2025-092 for Containment Purge, it was found that the incorrect sample time was used to open the permit. A sample time of 0228 was used instead of 0238. The release permit initiation and expiration times are based on this number. In this case, 0228 was more conservative than the actual time, so no time limits were exceeded. The permit was initiated hours before the required time, and the permit was not reinitiated. The correct number of minutes were used to generate the permit so the setpoints were not affected. The actual release date and times were used to close the permit, so the dose and curies released are correct.

CR 10045129 UNTIMELY COMMUNICATION OF UNIT VENT RADIATION MONITOR CONDITION 1.A TO CHEMISTRY

GTRE21B was taken Out of Service (OOS) due to loss of communication while performing SYS NG-332 to deenergize 'B' Train NG power 10/12/2025 at 0845. Chemistry was notified 10/12/2025 at approximately 1215 (3.5 hours later). GTRE21B was returned to service 10/12/2025 at 2122. The compensatory sample was completed in the appropriate time frame, and no samples were missed. A Teams communication was sent out to all the Senior Reactor Operators reminding them of the importance of notifying Chemistry in a timely manner any time a radiation monitor is being taken OOS so that compensatory sampling can be performed as required.

Appendix A

(Effluent Tables)

TABLE 1A:
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Est. Total Error, %
Fission & Activation Gases						
Total Release	Ci	9.72E-02	1.16E-01	1.32E-01	1.76E-01	3.00E+01
Average Release Rate for period	µCi/sec	1.25E-02	1.47E-02	1.67E-02	2.21E-02	
Percent of ODCM limit	%	1.07E-03	1.16E-03	1.56E-03	2.28E-03	
Iodines						
Total Iodine-131	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+01
Average Release Rate for period	µCi/sec	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Percent of ODCM limit	%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Particulates						
Particulates with half-lives >8 days	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+01
Average Release Rate for period	µCi/sec	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Percent of ODCM limit	%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Gross alpha radioactivity	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+01
Tritium						
Total release	Ci	2.47E+00	6.04E+00	8.38E+00	1.12E+01	3.00E+01
Average Release Rate for period	µCi/sec	3.18E-01	7.68E-01	1.05E+00	1.41E+00	
Percent of ODCM limit	%	2.33E-02	5.69E-02	7.90E-02	1.06E-01	

TABLE 1B:
GASEOUS EFFLUENTS-GROUND LEVEL RELEASES-BATCH MODE

Nuclides Released	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Fission gases					
AR-41	Ci	8.27E-02	8.94E-02	1.20E-01	1.76E-01
KR-85	Ci	1.23E-02	2.11E-02	1.15E-02	0.00E+00
KR-87	Ci	<3.05E-03	<3.01E-03	<3.83E-03	<3.52E-01
KR-88	Ci	<2.81E-03	<2.78E-03	<3.53E-03	<3.25E-01
XE-133	Ci	2.07E-03	4.89E-03	8.52E-04	<2.39E-01
XE-133m	Ci	5.35E-05	9.94E-05	<5.69E-03	<5.24E-01
XE-135	Ci	4.55E-05	2.57E-04	<1.04E-03	<9.57E-02
XE-138	Ci	<6.99E-02	<6.91E-02	<8.78E-02	<8.09E+00
Total for period*	Ci	9.72E-02	1.16E-01	1.32E-01	1.76E-01
Iodines					
I-131	Ci	<9.96E-08	<9.85E-08	<1.25E-07	<1.15E-05
I-133	Ci	<9.96E-06	<9.85E-06	<1.25E-05	<1.15E-03
Total for period*	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Particulates					
CE-141	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
CE-144	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
CS-134	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
CS-137	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
CO-58	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
CO-60	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
FE-59	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
MN-54	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
MO-99	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
SR-89	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
SR-90	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
ZN-65	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04
Total for period*	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tritium	Ci	5.23E-02	1.47E-01	2.06E-01	2.07E+00
Gross Alpha	Ci	<9.96E-07	<9.85E-07	<1.25E-06	<1.15E-04

*Less than values are not included in the summation for the total release values.

TABLE 1B:
GASEOUS EFFLUENTS-GROUND LEVEL RELEASES -CONTINUOUS MODE

Nuclides Released	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Fission gases					
KR-87	Ci	<7.52E+00	<7.16E+00	<5.88E+00	<6.72E+00
KR-88	Ci	<6.94E+00	<6.61E+00	<5.43E+00	<6.20E+00
XE-133	Ci	<5.09E+00	<4.85E+00	<3.98E+00	<4.55E+00
XE-133m	Ci	<1.12E+01	<1.06E+01	<8.74E+00	<9.99E+00
XE-135	Ci	<2.04E+00	<1.94E+00	<1.60E+00	<1.82E+00
XE-138	Ci	<1.72E+02	<1.64E+02	<1.35E+02	<1.54E+02
Total for period	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iodines					
I-131	Ci	<2.46E-04	<2.34E-04	<1.92E-04	<2.20E-04
I-133	Ci	<2.46E-02	<2.34E-02	<1.92E-02	<2.20E-02
Total for period	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Particulates					
CE-141	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
CE-144	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
CS-134	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
CS-137	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
CO-58	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
CO-60	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
FE-59	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
MN-54	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
MO-99	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
SR-89	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
SR-90	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
ZN-65	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03
Total for period	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tritium	Ci	2.42E+00	5.89E+00	8.17E+00	9.13E+00
Gross Alpha	Ci	<2.46E-03	<2.34E-03	<1.92E-03	<2.20E-03

*Less than values are not included in the summation for the total release values.

TABLE 2A:
LIQUID EFFLUENTS – SUMMATION OF ALL RELEASES

	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Est. Total Error, %
FISSION AND ACTIVATION PRODUCTS						
Total Release (not including tritium, gases, alpha)	Ci	3.18E-03	2.91E-03	7.28E-03	1.31E-02	3.00E+01
Average Diluted Concentration during period	µCi/ml	1.24E-11	1.09E-11	2.67E-11	9.03E-11	
Percent of Applicable Limit	%	6.35E-02	5.83E-02	1.46E-01	2.62E-01	
TRITIUM						
Total Release	Ci	4.19E+02	3.54E+02	4.00E+02	1.71E+02	3.00E+01
Average Diluted Concentration during period	µCi/ml	1.64E-06	1.33E-06	1.47E-06	1.18E-06	
Percent of Applicable Limit	%	1.64E-01	1.33E-01	1.47E-01	1.18E-01	
DISSOLVED AND ENTRAINED GASES						
Total Release	Ci	1.64E-03	5.35E-04	5.26E-03	3.26E-03	3.00E+01
Average Diluted Concentration during period	µCi/ml	6.39E-12	2.01E-12	1.93E-11	2.25E-11	
Percent of Applicable Limit	%	3.20E-06	1.00E-06	9.65E-06	1.12E-05	
GROSS ALPHA RADIOACTIVITY						
Total Release	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+01
Volume of waste released (prior to dilution)	L	7.82E+07	7.41E+07	6.96E+07	7.47E+07	3.00E+01
Volume of dilution water used during period	L	2.56E+11	2.66E+11	2.72E+11	1.45E+11	3.00E+01

TABLE 2B: LIQUID EFFLUENTS – BATCH MODE

Nuclides Released	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Fission & Activation Products					
CE-141	Ci	<1.87E-04	<1.63E-04	<5.75E-04	<6.20E-04
CE-144	Ci	<1.87E-04	<1.63E-04	<5.75E-04	<6.20E-04
CO-57	Ci	1.65E-05	1.58E-05	3.31E-05	1.86E-05
CO-58	Ci	1.50E-03	1.44E-03	2.19E-03	8.19E-04
CO-60	Ci	1.77E-04	1.13E-04	5.00E-04	3.29E-04
CS-134	Ci	<1.87E-04	<1.63E-04	1.02E-06	<6.20E-04
CS-137	Ci	<1.87E-04	<1.63E-04	6.59E-05	1.00E-06
FE-55	Ci	4.49E-04	1.72E-04	<1.15E-03	7.52E-03
FE-59	Ci	<1.87E-04	<1.63E-04	<5.75E-04	3.45E-04
I-131	Ci	<3.74E-04	<3.25E-04	<1.15E-03	<1.24E-03
MN-54	Ci	4.61E-06	<1.63E-04	1.41E-05	1.05E-05
MO-99	Ci	<1.87E-04	<1.63E-04	<5.75E-04	<6.20E-04
NB-95	Ci	1.58E-05	3.50E-06	6.78E-06	0.00E+00
NB-97	Ci	0.00E+00	0.00E+00	4.19E-06	0.00E+00
NI-63	Ci	1.01E-03	1.17E-03	4.47E-03	4.04E-03
SB-125	Ci	0.00E+00	0.00E+00	0.00E+00	2.72E-05
SN-113	Ci	0.00E+00	0.00E+00	0.00E+00	1.76E-06
SR-89	Ci	<1.87E-05	<1.63E-05	<5.75E-05	<6.20E-05
SR-90	Ci	<1.87E-05	<1.63E-05	<5.75E-05	<6.20E-05
ZN-65	Ci	<1.87E-04	<1.63E-04	<5.75E-04	<6.20E-04
ZR-95	Ci	5.27E-06	0.00E+00	0.00E+00	0.00E+00
Total for period*	Ci	3.18E-03	2.91E-03	7.28E-03	1.31E-02
Dissolved & Entrained Gases					
XE-133	Ci	1.59E-03	5.35E-04	5.13E-03	2.77E-03
XE-133M	Ci	3.23E-05	<3.25E-03	<1.15E-02	2.72E-05
XE-135	Ci	1.22E-05	<3.25E-03	1.29E-04	4.66E-04
Total for period*	Ci	1.64E-03	5.35E-04	5.26E-03	3.26E-03
Tritium	Ci	4.18E+02	3.53E+02	3.99E+02	1.70E+02
Gross Alpha	Ci	<3.74E-05	<3.25E-05	<1.15E-04	<1.24E-04

*Less than values are not included in the summation for the total release values.

TABLE 2B: LIQUID EFFLUENTS – CONTINUOUS MODE

Nuclides Released	Unit	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Fission & Activation Products					
CE-141	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
CE-144	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
CS-134	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
CS-137	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
CO-58	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
CO-60	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
FE-55	Ci	<7.78E-02	<7.38E-02	<6.85E-02	<7.35E-02
FE-59	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
I-131	Ci	<7.78E-02	<7.38E-02	<6.85E-02	<7.35E-02
MN-54	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
MO-99	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
NI-63	Ci	<7.78E-02	<7.38E-02	<6.85E-02	<7.35E-02
SR-89	Ci	<3.89E-03	<3.69E-03	<3.43E-03	<3.68E-03
SR-90	Ci	<3.89E-03	<3.69E-03	<3.43E-03	<3.68E-03
ZN-65	Ci	<3.89E-02	<3.69E-02	<3.43E-02	<3.68E-02
Total for period*	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dissolved & Entrained Gases					
Total for period*	Ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tritium	Ci	1.60E+00	1.47E+00	1.35E+00	1.13E+00
Gross Alpha	Ci	<7.78E-03	<7.38E-03	<6.85E-03	<7.35E-03

*Less than values are not included in the summation for the total release values.

TABLE 3:
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (NOT IRRADIATED FUEL)

1. Type of Waste		Units	1-Year Period	Est. Total Error (%)
a.	Spent resins, filter sludges, evaporator bottoms, etc.	m^{3*}	7.64E+00	2.50E+01
		Ci	2.01E+02	
b.	Dry compressible waste, contaminated equip., etc.	m^{3*}	2.52E+02	2.50E+01
		Ci	1.40E+02	
c.	Irradiated components, control rods, etc.	m^{3*}	0.00E+00	2.50E+01
		Ci	0.00E+00	
d.	Other	m^{3*}	0.00E+00	2.50E+01
		Ci	0.00E+00	

*This is the volume sent offsite for volume reduction prior to disposal (waste volume).

2. Estimate of Major Nuclide Composition (by Type of Waste) [Nuclides listed with % abundance greater than 10%]

a. Spent resin, filter sludges, evaporator bottoms, etc.

Nuclide	% Abundance	Curies
Ni-63	36.0	7.24E+01
H-3	48.7	3.79E+01

b. Dry active waste, contaminated equipment, etc.

Nuclide	% Abundance	Curies
Ni-63	90.75	1.27E+02

c. Irradiated components, control rods, etc. – None

d. Other - None

3. Solid Waste Disposition

Number of Shipments	Mode of Transportation	Destination
4	Truck, Hittman Transport	Energy Solutions-Oak Ridge, TN
3	Truck, Interstate Ventures	Waste Control Specialists-Andrews, TX
1	Truck, Specialty Transport	Waste Control Specialists-Andrews, TX
1	Truck, Landstar	Waste Control Specialists-Andrews, TX

4. Class of Solid Waste

a. **Class A – Corresponding to Waste Type 1.a and 1.b**

b. **Class B –Corresponding to Waste Type 1.a**

c. **Class C –Corresponding to Waste Type 1.a**

5. Type of Container

a. **(General Design), Type A - corresponding to 1.a and 1.b**

b. **(General Design) - corresponding to 1.b**

6. Solidification Agent

a. **Not applicable**

B. IRRADIATED FUEL SHIPMENTS (DISPOSITION)

No irradiated fuel shipments occurred during the 2025 period.

TABLE 4A: 2025 EFFLUENT CONCENTRATION LIMITS

Nuclides	*Curies*	*Average Diluted Concentration (µCi/ml)*	*10 CFR 20 ECL (µCi/ml)*	*% ECL*
H-3	1.34E+03	1.43E-06	*1.00E-03*	1.43E-01
MN-54	2.92E-05	3.11E-14	*3.00E-05*	1.04E-07
FE-55	8.14E-03	8.66E-12	*1.00E-04*	8.66E-06
FE-59	3.45E-04	3.67E-13	*1.00E-05*	3.67E-06
CO-57	8.41E-05	8.94E-14	*6.00E-05*	1.49E-07
CO-58	5.94E-03	6.32E-12	*2.00E-05*	3.16E-05
CO-60	1.12E-03	1.19E-12	*3.00E-06*	3.97E-05
NI-63	1.07E-02	1.14E-11	*1.00E-04*	1.14E-05
ZR-95	5.27E-06	5.60E-15	*2.00E-05*	2.80E-08
NB-95	2.60E-05	2.77E-14	*3.00E-05*	9.22E-08
NB-97	4.19E-06	4.46E-15	*3.00E-04*	1.49E-09
SN-113	1.76E-06	1.87E-15	*3.00E-05*	6.24E-09
SB-125	2.72E-05	2.89E-14	*3.00E-05*	9.64E-08
XE-133	1.00E-02	1.06E-11	*2.00E-04*	5.32E-06
XE-135	6.07E-04	6.46E-13	*2.00E-04*	3.23E-07
XE-133M	5.95E-05	6.33E-14	*2.00E-04*	3.16E-08
CS-134	1.02E-06	1.08E-15	*9.00E-07*	1.21E-07
CS-137	6.69E-05	7.11E-14	*1.00E-06*	7.11E-06

TABLE 4B: 2025 LIQUID CUMULATIVE DOSE SUMMARY

	ODCM Calculated Dose (mrem)	ODCM Limit (mrem)	% of Limit
QUARTER 1 OF 2025			
Total Dose for Bone	4.08E-04	**5.00E+00**	8.16E-03
Total Dose for Liver	3.52E-02	**5.00E+00**	7.04E-01
Total Dose for Total Body	3.52E-02	**1.50E+00**	2.35E+00
Total Dose for Thyroid	3.52E-02	**5.00E+00**	7.04E-01
Total Dose for Kidney	3.52E-02	**5.00E+00**	7.04E-01
Total Dose for Lung	3.52E-02	**5.00E+00**	7.04E-01
Total Dose for GI-LLI	3.55E-02	**5.00E+00**	7.10E-01
QUARTER 2 OF 2025			
Total Dose for Bone	4.09E-04	**5.00E+00**	8.18E-03
Total Dose for Liver	2.88E-02	**5.00E+00**	5.76E-01
Total Dose for Total Body	2.88E-02	**1.50E+00**	1.92E+00
Total Dose for Thyroid	2.88E-02	**5.00E+00**	5.76E-01
Total Dose for Kidney	2.88E-02	**5.00E+00**	5.76E-01
Total Dose for Lung	2.88E-02	**5.00E+00**	5.76E-01
Total Dose for GI-LLI	2.89E-02	**5.00E+00**	5.78E-01
QUARTER 3 OF 2025			
Total Dose for Bone	1.77E-03	**5.00E+00**	3.54E-02
Total Dose for Liver	3.03E-02	**5.00E+00**	6.06E-01
Total Dose for Total Body	3.01E-02	**1.50E+00**	2.01E+00
Total Dose for Thyroid	2.99E-02	**5.00E+00**	5.98E-01
Total Dose for Kidney	3.00E-02	**5.00E+00**	6.00E-01
Total Dose for Lung	2.99E-02	**5.00E+00**	5.98E-01
Total Dose for GI-LLI	3.01E-02	**5.00E+00**	6.02E-01
QUARTER 4 OF 2025			
Total Dose for Bone	7.00E-03	**5.00E+00**	1.40E-01
Total Dose for Liver	8.78E-02	**5.00E+00**	1.76E+00
Total Dose for Total Body	8.74E-02	**1.50E+00**	5.83E+00
Total Dose for Thyroid	8.71E-02	**5.00E+00**	1.74E+00
Total Dose for Kidney	8.71E-02	**5.00E+00**	1.74E+00
Total Dose for Lung	8.72E-02	**5.00E+00**	1.74E+00
Total Dose for GI-LLI	8.80E-02	**5.00E+00**	1.76E+00
TOTALS FOR 2025			
Total Dose for Bone	9.60E-03	**1.00E+01**	9.60E-02
Total Dose for Liver	1.82E-01	**1.00E+01**	1.82E+00
Total Dose for Total Body	1.82E-01	**3.00E+00**	6.07E+00
Total Dose for Thyroid	1.81E-01	**1.00E+01**	1.81E+00
Total Dose for Kidney	1.81E-01	**1.00E+01**	1.81E+00
Total Dose for Lung	1.81E-01	**1.00E+01**	1.81E+00
Total Dose for GI-LLI	1.82E-01	**1.00E+01**	1.82E+00

TABLE 4C:
LIQUID CUMULATIVE DOSE SUMMARY

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Fission & Activation Products*					
Total Release (Ci)	3.18E-03	2.91E-03	7.28E-03	1.31E-02	2.65E-02
Maximum Organ Dose (mrem)	4.08E-04	4.09E-04	1.77E-03	7.00E-03	9.60E-03
Organ Dose Limit (mrem)	5.00E+00	5.00E+00	5.00E+00	5.00E+00	1.00E+01
Percent of Limit	8.16E-03	8.19E-03	3.55E-02	1.40E-01	9.60E-02
Tritium					
Total Release (Ci)	4.19E+02	3.54E+02	4.00E+02	1.71E+02	1.34E+03
Maximum Organ Dose (mrem)	3.52E-02	2.88E-02	2.99E-02	8.71E-02	1.81E-01
Organ Dose Limit (mrem)	5.00E+00	5.00E+00	5.00E+00	5.00E+00	1.00E+01
Percent of Limit	7.04E-01	5.75E-01	5.98E-01	1.74E+00	1.81E+00
Dissolved & Entrained Gases					
Total Release (Ci)	1.64E-03	5.35E-04	5.26E-03	3.26E-03	1.07E-02
Gross Alpha Radioactivity					
Total Release (Ci)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*Does not include H-3, gases or alpha

TABLE 4D: 2025 GASEOUS CUMULATIVE DOSE SUMMARY

	ODCM Calculated Dose (mrem)	ODCM Limit (mrem)	% of Limit
QUARTER 1 OF 2025			
Total Dose for Bone	0.00E+00	**7.50E+00**	0.00E+00
Total Dose for Liver	1.75E-03	**7.50E+00**	2.33E-02
Total Dose for Total Body	1.75E-03	**7.50E+00**	2.33E-02
Total Dose for Thyroid	1.75E-03	**7.50E+00**	2.33E-02
Total Dose for Kidney	1.75E-03	**7.50E+00**	2.33E-02
Total Dose for Lung	1.75E-03	**7.50E+00**	2.33E-02
Total Dose for GI-LLI	1.75E-03	**7.50E+00**	2.33E-02
QUARTER 2 OF 2025			
Total Dose for Bone	0.00E+00	**7.50E+00**	0.00E+00
Total Dose for Liver	4.27E-03	**7.50E+00**	5.69E-02
Total Dose for Total Body	4.27E-03	**7.50E+00**	5.69E-02
Total Dose for Thyroid	4.27E-03	**7.50E+00**	5.69E-02
Total Dose for Kidney	4.27E-03	**7.50E+00**	5.69E-02
Total Dose for Lung	4.27E-03	**7.50E+00**	5.69E-02
Total Dose for GI-LLI	4.27E-03	**7.50E+00**	5.69E-02
QUARTER 3 OF 2025			
Total Dose for Bone	0.00E+00	**7.50E+00**	0.00E+00
Total Dose for Liver	5.92E-03	**7.50E+00**	7.89E-02
Total Dose for Total Body	5.92E-03	**7.50E+00**	7.89E-02
Total Dose for Thyroid	5.92E-03	**7.50E+00**	7.89E-02
Total Dose for Kidney	5.92E-03	**7.50E+00**	7.89E-02
Total Dose for Lung	5.92E-03	**7.50E+00**	7.89E-02
Total Dose for GI-LLI	5.92E-03	**7.50E+00**	7.89E-02
QUARTER 4 OF 2025			
Total Dose for Bone	0.00E+00	**7.50E+00**	0.00E+00
Total Dose for Liver	7.93E-03	**7.50E+00**	1.06E-01
Total Dose for Total Body	7.93E-03	**7.50E+00**	1.06E-01
Total Dose for Thyroid	7.93E-03	**7.50E+00**	1.06E-01
Total Dose for Kidney	7.93E-03	**7.50E+00**	1.06E-01
Total Dose for Lung	7.93E-03	**7.50E+00**	1.06E-01
Total Dose for GI-LLI	7.93E-03	**7.50E+00**	1.06E-01
TOTALS FOR 2025			
Total Dose for Bone	0.00E+00	**1.50E+01**	0.00E+00
Total Dose for Liver	1.99E-02	**1.50E+01**	1.33E-01
Total Dose for Total Body	1.99E-02	**1.50E+01**	1.33E-01
Total Dose for Thyroid	1.99E-02	**1.50E+01**	1.33E-01
Total Dose for Kidney	1.99E-02	**1.50E+01**	1.33E-01
Total Dose for Lung	1.99E-02	**1.50E+01**	1.33E-01
Total Dose for GI-LLI	1.99E-02	**1.50E+01**	1.33E-01

TABLE 4E: 2025 GASEOUS CUMULATIVE DOSE SUMMARY

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Fission & Activation Gases					
Total Release (Ci)	9.72E-02	1.16E-01	1.32E-01	1.76E-01	5.21E-01
Total Gamma Air Dose (mrad)	5.37E-05	5.82E-05	7.79E-05	1.14E-04	3.04E-04
Gamma Air Dose Limit (mrad)	5.00E+00	5.00E+00	5.00E+00	5.00E+00	1.00E+01
Percent of Gamma Air Dose Limit	1.07E-03	1.16E-03	1.56E-03	2.28E-03	3.04E-03
Total Beta Air Dose (mrad)	2.08E-05	2.37E-05	2.91E-05	4.02E-05	1.14E-04
Beta Air Dose Limit (mrad)	1.00E+01	1.00E+01	1.00E+01	1.00E+01	2.00E+01
Percent of Beta Air Dose Limit	2.08E-04	2.37E-04	2.91E-04	4.02E-04	5.69E-04
Particulates					
Total Particulates (Ci)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maximum Organ Dose (mrem)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Organ Dose Limit (mrem)	7.50E+00	7.50E+00	7.50E+00	7.50E+00	1.50E+01
Percent of Limit	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tritium					
Total Release (Ci)	2.47E+00	6.04E+00	8.38E+00	1.12E+01	2.81E+01
Maximum Organ Dose (mrem)	1.75E-03	4.27E-03	5.92E-03	7.93E-03	1.99E-02
Organ Dose Limit (mrem)	7.50E+00	7.50E+00	7.50E+00	7.50E+00	1.50E+01
Percent of Limit	2.33E-02	5.69E-02	7.90E-02	1.06E-01	1.32E-01
Iodine					
Total Release (Ci)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Maximum Organ Dose (mrem)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Organ Dose Limit (mrem)	7.50E+00	7.50E+00	7.50E+00	7.50E+00	1.50E+01
Percent of Limit	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

CALCULATIONS:

Gases:

1. The percent of ODCM limit for fission and activation gases is calculated using the following methodology: (The larger value calculated between Gamma and Beta air dose is listed as the % of ODCM Limit)

$$\%\ of\ ODCM\ Limit = \frac{(Quarterly\ Total\ Beta\ Airdose)(100)}{10\ mrad}$$

OR

$$\%\ of\ ODCM\ Limit = \frac{(Quarterly\ Total\ Gamma\ Airdose)(100)}{5\ mrad}$$

2. The percent of ODCM limit for iodine is calculated using the following methodology:

$$\%\ of\ ODCM\ Limit = \frac{(Total\ Curies\ of\ Iodine - 131)(100)}{1\ Curie}$$

3. The percent of ODCM limit for particulates is calculated using the following methodology:

$$\%\ of\ ODCM\ Limit = \frac{(Highest\ Organ\ Dose\ due\ to\ Particulates)(100)}{7.5\ mrem}$$

4. The percent of ODCM limit for tritium is calculated using the following methodology (this type of methodology is used since the Wolf Creek ODCM ties release limits to doses rather than curie release rates:

$$\%\ of\ ODCM\ Limit = \frac{(Highest\ Organ\ Dose\ due\ to\ H - 3)(100)}{7.5\ mrem}$$

5. Less than values for Noble Gases are calculated using the Lower Limit of Detection (LLD) values obtained at WCGS multiplied by the volume of air discharged during the respective quarter. For the Halogens and Particulates, the ODCM LLD values are used.

Liquids:

1. The Applicable Limit for fission and activation products at WCGS is 5 curies per year (reference 10CFR50, Appendix I, paragraph A.2). The percent of Applicable Limit is derived by the following:

$$\%\ of\ Applicable\ Limit = \frac{(Total\ Release\ Ci)(100)}{5\ Ci}$$

2. The percent of Applicable Limit for tritium is derived by the following formula:

$$\%\ of\ Applicable\ Limit = \frac{(Average\ Diluted\ Concentration)(100)}{(ECL^{*})}$$

*The ECL can be found in 10CFR20, Appendix B, Table 2

3. The percent of Applicable Limit for dissolved and entrained gases is derived by the following formula:

$$\%\ of\ Applicable\ Limit = \frac{(Average\ Diluted\ Concentration)(100)}{(2.00E-04^{*})}$$

*From ODCM, section 2.1

4. Less than values are calculated using the Lower Limit of Detection (LLD) values listed in Table 2-1 of the ODCM multiplied by the volume of waste discharged during the respective quarter. The less than values are not included in the summation for the total release values.

Appendix B

Meteorological Data

HOURS AT EACH WIND SPEED AND DIRECTION

This section documents WCGS meteorological data for wind speed, wind direction, and atmospheric stability.

The meteorological data supplied in the following tables covers the period from January 1, 2025, through December 31, 2025, and indicates the number of hours at each wind speed and direction for each stability class. All gaseous releases at the WCGS are ground level releases.

Wolf Creek Generating Station met Regulatory Guide 1.23 requirement for 90% or greater meteorological data recovery for 2025.

The Primary 60M Wind Speed & Wind Direction Sonic Sensors were not reading correctly and were taken out of service during the time period after March 6th, 2025, due to equipment obsolescence and failed calibration from vendor, due to said equipment obsolescence. Multiple condition reports were written documenting the issue in the corrective action program and associated work orders issued to troubleshoot the instrumentation. The Secondary 60M Wind Speed & Wind Direction instruments were reading correctly and were used for data validation.

The remaining instruments both at 10 meters and 60 meters met or exceeded the 90% meteorological data recovery for 2025.

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: A
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	0.75	11.00	14.25	9.75	6.75	1.00	43.50
NNE	1.75	15.25	23.00	3.25	0.25	0.00	43.50
NE	1.00	19.50	7.50	0.00	0.00	0.00	28.00
ENE	0.75	15.25	6.25	0.00	0.00	0.00	22.25
E	0.25	11.75	7.00	0.25	0.00	0.00	19.25
ESE	0.50	6.00	13.75	5.50	0.00	0.00	25.75
SE	0.50	7.50	25.50	10.50	0.50	0.00	44.50
SSE	1.00	16.50	48.75	24.50	6.50	0.00	97.25
S	1.00	16.75	73.75	98.50	23.25	3.25	216.50
SSW	1.00	5.00	47.50	55.50	9.75	0.25	119.00
SW	0.50	6.75	8.50	4.50	0.50	0.00	20.75
WSW	1.50	7.75	11.00	5.25	1.25	0.25	27.00
W	1.00	13.50	24.50	11.75	2.75	0.00	53.50
WNW	0.50	7.75	17.75	14.25	5.75	0.25	46.25
NW	0.50	10.00	12.00	10.75	4.25	2.00	39.50
NNW	0.25	10.50	12.25	23.25	9.25	0.75	56.25
Total	12.75	180.75	353.25	277.50	70.75	7.75	902.75

Hours of Calm (<1.0 mph): 13.00

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: B
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	0.50	4.75	6.75	9.75	2.75	0.00	24.50
NNE	1.25	8.75	13.25	7.00	0.50	0.00	30.75
NE	1.75	14.25	3.00	0.00	0.25	0.00	19.25
ENE	2.25	13.00	1.25	0.00	0.00	0.00	16.50
E	1.25	9.25	10.50	0.25	0.25	0.00	21.50
ESE	0.50	7.75	8.25	0.50	0.00	0.00	17.00
SE	0.75	7.25	7.50	1.75	0.00	0.00	17.25
SSE	1.00	14.25	24.00	6.50	0.75	0.00	46.50
S	0.75	13.75	27.25	13.75	2.75	1.25	59.50
SSW	0.75	4.50	20.75	8.50	2.50	0.00	37.00
SW	0.00	4.50	6.00	2.50	0.25	0.00	13.25
WSW	0.50	7.25	3.75	2.00	0.25	0.00	13.75
W	0.50	9.00	4.25	1.25	0.50	0.00	15.50
WNW	1.25	6.25	7.00	3.00	1.75	0.50	19.75
NW	0.75	2.50	7.00	6.00	4.00	0.75	21.00
NNW	1.00	5.25	12.25	11.75	3.50	1.00	34.75
Total	14.75	132.25	162.75	74.50	20.00	3.50	407.75

Hours of Calm (<1.0 mph): 2.50

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: C
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	2.25	5.50	11.75	7.75	3.00	0.25	30.50
NNE	0.50	10.75	12.25	7.00	1.50	0.00	32.00
NE	2.50	15.25	1.50	0.00	0.00	0.00	19.25
ENE	3.00	9.50	1.00	0.00	0.00	0.00	13.50
E	1.25	15.25	6.50	1.00	0.00	0.00	24.00
ESE	2.50	11.25	7.50	1.25	0.00	0.00	22.50
SE	2.00	8.75	6.50	1.75	0.25	0.00	19.25
SSE	1.25	19.00	16.00	8.00	2.25	0.00	46.50
S	1.00	18.25	26.00	13.50	3.75	0.75	63.25
SSW	1.75	9.75	23.50	11.25	3.00	0.75	50.00
SW	1.25	5.75	4.00	0.75	0.25	0.00	12.00
WSW	2.00	10.25	2.75	1.00	1.50	0.25	17.75
W	0.50	7.00	2.75	0.50	0.50	0.75	12.00
WNW	1.00	6.50	3.50	2.00	1.00	0.00	14.00
NW	0.75	6.25	8.00	5.75	1.25	2.25	24.25
NNW	1.25	11.25	9.00	12.50	2.25	1.75	38.00
Total	24.75	170.25	142.50	74.00	20.50	6.75	438.75

Hours of Calm (<1.0 mph): 2.25

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: D
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	9.00	53.25	104.00	102.50	30.75	7.00	306.50
NNE	10.75	57.75	118.25	70.00	6.50	0.00	263.25
NE	26.00	96.75	26.50	6.25	0.00	0.00	155.50
ENE	29.00	71.75	32.00	0.75	0.00	0.00	133.50
E	13.75	94.00	81.25	13.50	0.00	0.00	202.50
ESE	13.00	57.75	41.00	1.75	0.00	0.00	113.50
SE	12.50	46.00	34.00	9.75	0.00	0.00	102.25
SSE	14.25	80.00	74.00	40.75	11.00	2.75	222.75
S	11.00	102.75	210.00	246.50	38.50	5.50	614.25
SSW	7.75	65.50	126.25	66.00	14.50	5.00	285.00
SW	6.25	39.25	12.50	2.75	0.50	0.00	61.25
WSW	7.50	36.75	13.50	5.00	1.25	0.25	64.25
W	6.00	27.00	17.75	5.50	2.25	0.00	58.50
WNW	2.25	17.00	29.50	10.50	1.00	0.00	60.25
NW	6.00	33.25	66.25	27.00	3.75	5.75	142.00
NNW	8.25	48.00	98.00	56.00	15.25	20.50	246.00
Total	183.25	926.75	1084.75	664.50	125.25	46.75	3031.25

Hours of Calm (<1.0 mph): 6.25

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: E
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	15.00	73.50	46.50	18.75	4.50	0.00	158.25
NNE	19.75	43.75	31.75	4.00	0.25	0.25	99.75
NE	34.25	42.25	3.75	0.25	0.00	0.00	80.50
ENE	37.50	50.50	5.75	0.00	0.00	0.00	93.75
E	29.75	79.75	22.00	1.25	0.00	0.00	132.75
ESE	28.25	64.00	29.00	7.25	0.25	0.00	128.75
SE	20.75	78.75	37.75	10.00	1.50	0.00	148.75
SSE	14.25	117.25	159.75	60.50	5.25	0.50	357.50
S	9.00	57.25	129.25	80.75	28.25	9.00	313.50
SSW	12.75	53.75	71.25	33.00	2.50	2.75	176.00
SW	17.25	48.25	11.25	1.75	1.00	0.00	79.50
WSW	15.50	37.00	8.00	1.00	0.00	0.00	61.50
W	6.50	28.00	14.25	0.50	0.00	0.00	49.25
WNW	4.00	27.00	20.50	0.50	0.00	0.00	52.00
NW	6.00	50.00	28.50	3.00	0.00	0.00	87.50
NNW	8.25	70.50	53.75	17.00	3.00	2.25	154.75
Total	278.75	921.50	673.00	239.50	46.50	14.75	2174.00

Hours of Calm (<1.0 mph): 4.25

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: F
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	13.50	46.00	7.25	0.25	0.25	0.00	67.25
NNE	15.00	48.25	3.25	0.25	0.00	0.00	66.75
NE	34.25	20.75	1.25	0.00	0.00	0.00	56.25
ENE	36.25	33.00	0.25	0.00	0.00	0.00	69.50
E	27.00	74.75	8.50	0.00	0.00	0.00	110.25
ESE	28.00	87.25	1.75	0.00	0.00	0.00	117.00
SE	31.50	89.50	4.50	0.25	0.00	0.00	125.75
SSE	14.75	65.25	27.50	4.50	0.00	0.00	112.00
S	5.50	34.75	28.50	3.75	0.75	0.00	73.25
SSW	5.50	7.75	7.50	0.00	0.00	0.00	20.75
SW	5.75	18.25	1.25	0.00	0.00	0.00	25.25
WSW	6.50	11.00	0.25	0.00	0.00	0.00	17.75
W	6.25	10.25	0.25	0.00	0.00	0.00	16.75
WNW	5.75	10.00	1.00	0.00	0.00	0.00	16.75
NW	6.25	22.75	2.75	0.00	0.00	0.00	31.75
NNW	10.75	52.75	10.25	0.00	0.00	0.00	73.75
Total	252.50	632.25	106.00	9.00	1.00	0.00	1000.75

Hours of Calm (<1.0 mph): 7.75

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: G
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	14.75	17.75	1.00	0.25	0.00	0.00	33.75
NNE	16.50	52.50	4.50	0.00	0.00	0.00	73.50
NE	45.00	27.00	0.25	0.00	0.00	0.00	72.25
ENE	29.25	20.75	0.00	0.00	0.00	0.00	50.00
E	22.50	76.25	1.50	0.00	0.00	0.00	100.25
ESE	27.75	46.50	0.75	0.00	0.00	0.00	75.00
SE	21.00	36.50	0.25	0.00	0.00	0.00	57.75
SSE	9.50	19.00	6.25	0.00	0.00	0.00	34.75
S	6.50	24.00	9.50	0.00	0.00	0.00	40.00
SSW	4.25	3.75	2.00	0.00	0.00	0.00	10.00
SW	4.75	3.25	0.00	0.00	0.00	0.00	8.00
WSW	4.00	2.50	0.00	0.00	0.00	0.00	6.50
W	4.25	3.00	0.00	0.00	0.00	0.00	7.25
WNW	6.50	3.25	0.00	0.00	0.00	0.00	9.75
NW	8.50	4.75	0.00	0.00	0.00	0.00	13.25
NNW	12.00	23.25	4.75	0.00	0.00	0.00	40.00
Total	237.00	364.00	30.75	0.25	0.00	0.00	632.00

Hours of Calm (<1.0 mph): 11.00

Hours At Each Wind Speed and Direction

Period of Record: JANUARY 1 THROUGH DECEMBER 31, 2025
Stability Class: ALL
Elevation: 10 Meters

Wind Direction Cardinals	Wind Speed (mph) 1-3	4-7	8-12	13-18	19-24	> 24	Total
N	55.75	211.75	191.50	149.00	48.00	8.25	664.25
NNE	65.50	237.00	206.25	91.50	9.00	0.25	609.50
NE	144.75	235.75	43.75	6.50	0.25	0.00	431.00
ENE	138.00	213.75	46.50	0.75	0.00	0.00	399.00
E	95.75	361.00	137.25	16.25	0.25	0.00	610.50
ESE	100.50	280.50	102.00	16.25	0.25	0.00	499.50
SE	89.00	274.25	116.00	34.00	2.25	0.00	515.50
SSE	56.00	331.25	356.25	144.75	25.75	3.25	917.25
S	34.75	267.50	504.25	456.75	97.25	19.75	1380.25
SSW	33.75	150.00	298.75	174.25	32.25	8.75	697.75
SW	35.75	126.00	43.50	12.25	2.50	0.00	220.00
WSW	37.50	112.50	39.25	14.25	4.25	0.75	208.50
W	25.00	97.75	63.75	19.50	6.00	0.75	212.75
WNW	21.25	77.75	79.25	30.25	9.50	0.75	218.75
NW	28.75	129.50	124.50	52.50	13.25	10.75	359.25
NNW	41.75	221.50	200.25	120.50	33.25	26.25	643.50
Total	1003.75	3327.75	2553.00	1339.25	284.00	79.50	8587.25

Hours of Calm (<1.0 mph): 47.00 Hours of Missing Data: 125.75

Appendix C

ONSITE GROUNDWATER PROTECTION PROGRAM MONITORING

ONSITE GROUNDWATER PROTECTION PROGRAM MONITORING

Objective

The objective of onsite groundwater protection program monitoring is to ensure timely detection of inadvertent radiological releases to ground water. At the Wolf Creek Generating Station (WCGS), some background tritium influences from lake water reuse are normal and expected.

Basis

The onsite groundwater protection program monitoring sample results are being reported in the Radioactive Effluent Release Report per guidance received in association with the Nuclear Energy Institute (NEI) Groundwater Protection Industry Initiative. The following information is also being reported in association with the NEI Groundwater Protection Industry Initiative:

1. Describe any onsite licensed radioactive material releases or spills that were voluntarily communicated to State/Local officials during the calendar year. - None
2. Describe any onsite groundwater sample results that exceeded the reporting thresholds that were voluntarily communicated to State/Local officials during the calendar year. – None

There were no radioactive material releases, spills, or reporting level exceedances reported to State/Local officials during 2025.

Onsite Groundwater Protection Program Monitoring Description

In March of 2006, WCGS established an onsite groundwater protection monitoring program. During 2008, thirteen monitoring wells were added to the onsite groundwater protection monitoring program. The onsite groundwater protection program monitoring is implemented via procedure AI 07-007, *Onsite Groundwater Protection Program Monitoring*. During 2018 an additional 5 wells were installed. In October of 2019, the AUX location, a dewatering well located on the East side of the Auxiliary Building, was removed from the monitoring program due to being a subsurface dewatering well and is reported with subsurface water results. The onsite groundwater samples were collected by a WCGS Environmental technician and analyzed by Microbac Laboratories, Inc. Onsite groundwater samples were collected quarterly when available, and were analyzed by gamma isotopic analysis, radiochemical analysis for I-131, and tritium analysis. The vendor lab (Microbac Laboratories, Inc.) participated in an interlaboratory comparison program. The following tables describe the sample locations, the lower limits of detection and the reporting levels for radioactivity detected.

Sample Location	Sample Location Description
EAST ESW-W	Essential Service Water Dewatering Well, East Group, West well, located southeast of the reactor
MW-01A	Monitoring Well, shallow depth, located northeast of the reactor (control sample location)
MW-01B	Monitoring Well, mid-range depth, located northeast of the reactor (control sample location)
MW-01C	Monitoring Well, deep depth, located northeast of the reactor (control sample location)
MW-02A	Monitoring Well, shallow depth, located northwest of the reactor
MW-02B	Monitoring Well, mid-range depth, located northwest of the reactor
MW-03A	Monitoring Well, shallow depth, located southwest of the reactor
MW-03B	Monitoring Well, mid-range depth, located southwest of the reactor
MW-03C	Monitoring Well, deep depth, located southwest of the reactor
MW-05C	Monitoring Well, deep depth, located south of the reactor
MW-11A	Monitoring Well, shallow depth, located southwest of the reactor
MW-11B	Monitoring Well, mid-range depth, located southwest of the reactor
MW-12A	Monitoring Well, shallow depth, located south of the reactor
MW-12B	Monitoring Well, mid-range depth, located south of the reactor
MW-13	Monitoring Well, mid-range depth, located south of the reactor
MW-14	Monitoring Well, mid-range depth, located southeast of the reactor
MW-15	Monitoring Well, mid-range depth, located southeast of the reactor
MW-16	Monitoring Well, mid-range depth, located southeast of the reactor
MW-17	Monitoring Well, mid-range depth, located southeast of the reactor
WEST ESW-W	Essential Service Water Dewatering Well, West Group, West well, located south of the reactor

Onsite Groundwater Lower Limits of Detection

Analysis	(pCi/L)	Analysis	(pCi/L)
H-3	2,000	Zr-Nb-95	15
Mn-54	15	I-131	1
Co-58	15	Cs-134	15
Fe-59	30	Cs-137	18
Co-60	15	Ba-La-140	15
Zn-65	30		

Reporting Levels for Radioactivity Detected in Onsite Groundwater

Analysis	(pCi/L)	Analysis	(pCi/L)
H-3	20,000	Zr-Nb-95	400
Mn-54	1,000	I-131	2
Co-58	1,000	Cs-134	30
Fe-59	400	Cs-137	50
Co-60	300	Ba-La-140	200
Zn-65	300		

Discussion of Results

Low levels of tritium were detected in an Essential Service Water dewatering well (EAST ESW-W), MW-12A and MW-15 all within areas of backfill during plant construction. This has been attributed to the Plant's reuse of tritiated lake water and is consistent with gaseous tritium deposition during normal operation. Lake water is used for plant cooling, which includes Essential Service Water and the Fire Protection System.

The monitoring well sample with the highest level of tritium detected (216 +/- 94 pCi/L) was collected on 3-12-25 from the MW-15 location. The measured monitoring well tritium levels are significantly lower than the tritium levels routinely detected in surface water collected from Coffey County Lake (2025 range was 11,324 to 14,149 pCi/L).

The tritium activity was the only activity detected in the onsite groundwater samples. LLD's were met, and sample analysis results were below the applicable reporting levels.

Subsurface Water

Due to Industry Operating Experience, the WCGS started collecting and analyzing subsurface water during 2010. Subsurface water monitoring is a portion of the Groundwater Protection Program and is implemented via procedure AI 07-007, *Onsite Groundwater Protection Program Monitoring.* The definitions for subsurface water include:

1. Water that is encountered below grade while excavating, trenching, or drilling outside of the Radiologically Controlled Area and within the area displayed in Figure 1 (of AI 07-007). This excludes recent rainfall build-up in open excavation trenches.
2. Water that is encountered below grade or water that needs to be removed that is outside of a building, outside of the Radiologically Controlled Area and within the area displayed in Figure 1 (of AI 07-007). Examples include electrical vaults, piping vaults, valve pits, manholes, concrete pits, etc. Excludes removing water from power block sumps, sanitary sewers, spill containment berms or from within buildings.

The subsurface water samples were analyzed by the WCGS Chemistry Laboratory and the results were reviewed by Environmental Management and Chemistry. The subsurface water samples were analyzed for tritium and gamma activity. The following table identifies the sample dates, sample locations, and the analysis results.

Date	Location Description	Tritium (pCi/L)
02/25/25	Dewatering Well #2 (1DW0002) - East of the Turbine Building	9,551
02/25/25	Dewatering Well #7 (1DW0007) - SW of Com. Corridor	4,551
06/16/25	EMH119 NW Turbine building near transformers	<2,001
06/16/25	EMH182	<1,955
06/16/25	EMH106 West Charles Evans between fence	<2,199
10/22/25	CW-3 (1CW0008C) Manhole near the Radwaste Building	4,600
11/17/25	XPB03 Transformer Discharge Vault	<1,812
11/17/25	XPB01 (Sump 096) Discharge Vault, NW of Turbine Building	9,251
11/17/25	XMA01D (Sump 0725) Discharge Vault, NW of Turbine Building	<1,949
11/17/25	XMA01A (Sump 097) Discharge Vault, NW of Turbine Building	15,800
11/17/25	XNB01 (Sump 095) Discharge Vault, NW of Turbine Building	5,710
08/21/25	Dewatering Well #7 (1DW0007) - SW of Com. Corridor	7,599
08/21/25	Dewatering Well #2 (1DW0002) - East of the Turbine Building	8,969

Highest detected tritium measured was 15,800 pCi/L in a sample collected on 11/17/25 from XMA01ATransformer Discharge Vault (Sump 097) located NW of the Turbine Building. Gamma activity was not detected in the 11/17/25 subsurface water sample. Again, the detected tritium activity is likely due to the Plant's reuse of tritiated lake water. Lake water is used for plant cooling, which includes Essential Service Water (ESW) and the Fire Protection System. The measured tritium levels from subsurface water monitoring were lower than the onsite groundwater tritium reporting level of 20,000 pCi/L.

Conclusion

Based upon the results of the water samples that were analyzed in association with the Onsite Groundwater Protection Program, no inadvertent radiological releases to ground water were identified.

Onsite Groundwater Results
Concentration (pCi/L)

LOCATION	DATE	NUCLIDE	ACTIVITY	SIGN	ERROR	NOTE
EAST ESW-W	12-Mar-25	MN-54		<	3.1	
EAST ESW-W	12-Mar-25	MN-54		<	5.2	Duplicate
EAST ESW-W	12-Mar-25	CO-58		<	4	
EAST ESW-W	12-Mar-25	CO-58		<	5.2	Duplicate
EAST ESW-W	12-Mar-25	FE-59		<	7.9	
EAST ESW-W	12-Mar-25	FE-59		<	8.0	Duplicate
EAST ESW-W	12-Mar-25	CO-60		<	4.300	Duplicate
EAST ESW-W	12-Mar-25	CO-60		<	5.6	
EAST ESW-W	12-Mar-25	ZN-65		<	9	
EAST ESW-W	12-Mar-25	ZN-65		<	7.1	Duplicate
EAST ESW-W	12-Mar-25	ZR-NB-95		<	4	
EAST ESW-W	12-Mar-25	ZR-NB-95		<	6.0	Duplicate
EAST ESW-W	12-Mar-25	I-131		<	0.3	Duplicate
EAST ESW-W	12-Mar-25	I-131		<	0.4	
EAST ESW-W	12-Mar-25	CS-134		<	7.7	Duplicate
EAST ESW-W	12-Mar-25	CS-134		<	5	
EAST ESW-W	12-Mar-25	CS-137		<	7.7	Duplicate
EAST ESW-W	12-Mar-25	CS-137		<	6.700	
EAST ESW-W	12-Mar-25	BA-LA-140		<	2.7	
EAST ESW-W	12-Mar-25	BA-LA-140		<	6.0	Duplicate
EAST ESW-W	12-Mar-25	H-3	194	+/-	93.0	Duplicate
EAST ESW-W	12-Mar-25	H-3	199	+/-	93	
EAST ESW-W	10-Jun-25	MN-54		<	4.6	

EAST ESW-W	10-Jun-25	CO-58		<	4.6	
EAST ESW-W	10-Jun-25	FE-59		<	10.3	
EAST ESW-W	10-Jun-25	CO-60		<	11.0	
EAST ESW-W	10-Jun-25	ZN-65		<	11.1	
EAST ESW-W	10-Jun-25	ZR-NB-95		<	7.6	
EAST ESW-W	10-Jun-25	I-131		<	0.424	
EAST ESW-W	10-Jun-25	CS-134		<	9.9	
EAST ESW-W	10-Jun-25	CS-137		<	8.6	
EAST ESW-W	10-Jun-25	BA-LA-140		<	8.8	
EAST ESW-W	10-Jun-25	H-3		<	179	
EAST ESW-W	17-Sep-25	MN-54		<	3.3	
EAST ESW-W	17-Sep-25	CO-58		<	3.0	
EAST ESW-W	17-Sep-25	FE-59		<	3.6	
EAST ESW-W	17-Sep-25	CO-60		<	2.7	
EAST ESW-W	17-Sep-25	ZN-65		<	4.5	
EAST ESW-W	17-Sep-25	ZR-NB-95		<	2.6	
EAST ESW-W	17-Sep-25	I-131		<	0.470	
EAST ESW-W	17-Sep-25	CS-134		<	3.9	
EAST ESW-W	17-Sep-25	CS-137		<	3.5	
EAST ESW-W	17-Sep-25	BA-LA-140		<	3.2	
EAST ESW-W	17-Sep-25	H-3		<	173	
EAST ESW-W	12-Nov-25	MN-54		<	3.0	
EAST ESW-W	12-Nov-25	CO-58		<	2	
EAST ESW-W	12-Nov-25	FE-59		<	4.1	
EAST ESW-W	12-Nov-25	CO-60		<	3	
EAST ESW-W	12-Nov-25	ZN-65		<	3.4	

EAST ESW-W	12-Nov-25	ZR-NB-95		<	3.7	
EAST ESW-W	12-Nov-25	I-131		<	0.420	
EAST ESW-W	12-Nov-25	CS-134		<	3.9	
EAST ESW-W	12-Nov-25	CS-137		<	3.8	
EAST ESW-W	12-Nov-25	BA-LA-140		<	1.8	
EAST ESW-W	12-Nov-25	H-3		<	170	
MW-01A	12-Mar-25	MN-54		<	3.4	
MW-01A	12-Mar-25	CO-58		<	3.6	
MW-01A	12-Mar-25	FE-59		<	7.4	
MW-01A	12-Mar-25	CO-60		<	5.4	
MW-01A	12-Mar-25	ZN-65		<	6.3	
MW-01A	12-Mar-25	ZR-NB-95		<	5.2	
MW-01A	12-Mar-25	I-131		<	0.397	
MW-01A	12-Mar-25	CS-134		<	5.0	
MW-01A	12-Mar-25	CS-137		<	5.5	
MW-01A	12-Mar-25	BA-LA-140		<	5.4	
MW-01A	12-Mar-25	H-3		<	177	
MW-01A	10-Jun-25	MN-54		<	3.9	
MW-01A	10-Jun-25	CO-58		<	6.4	
MW-01A	10-Jun-25	FE-59		<	7.4	
MW-01A	10-Jun-25	CO-60		<	10.7	
MW-01A	10-Jun-25	ZN-65		<	11.0	
MW-01A	10-Jun-25	ZR-NB-95		<	6.5	
MW-01A	10-Jun-25	I-131		<	0.410	
MW-01A	10-Jun-25	CS-134		<	9.9	
MW-01A	10-Jun-25	CS-137		<	9.1	

MW-01A	10-Jun-25	BA-LA-140		<	6	
MW-01A	10-Jun-25	H-3		<	179	
MW-01A	17-Sep-25	MN-54		<	3.1	
MW-01A	17-Sep-25	CO-58		<	3.6	
MW-01A	17-Sep-25	FE-59		<	5.6	
MW-01A	17-Sep-25	CO-60		<	3.5	
MW-01A	17-Sep-25	ZN-65		<	4.8	
MW-01A	17-Sep-25	ZR-NB-95		<	3.8	
MW-01A	17-Sep-25	I-131		<	0.484	
MW-01A	17-Sep-25	CS-134		<	4.2	
MW-01A	17-Sep-25	CS-137		<	4.5	
MW-01A	17-Sep-25	BA-LA-140		<	2.2	
MW-01A	17-Sep-25	H-3		<	173	
MW-01A	12-Nov-25	MN-54		<	3.9	
MW-01A	12-Nov-25	CO-58		<	3.9	
MW-01A	12-Nov-25	CO-60		<	4.6	
MW-01A	12-Nov-25	ZN-65		<	8.5	
MW-01A	12-Nov-25	ZR-NB-95		<	5.6	
MW-01A	12-Nov-25	I-131		<	0.4	
MW-01A	12-Nov-25	CS-134		<	5.300	
MW-01A	12-Nov-25	CS-137		<	6	
MW-01A	12-Nov-25	BA-LA-140		<	2.7	
MW-01A	12-Nov-25	H-3		<	170.0	
MW-01A	12-Nov-25	FE-55		<	6	
MW-01B	12-Mar-25	MN-54		<	7.4	
MW-01B	12-Mar-25	CO-58		<	7.4	

MW-01B	12-Mar-25	FE-59		<	9.8	
MW-01B	12-Mar-25	CO-60		<	8.4	
MW-01B	12-Mar-25	ZN-65		<	14.4	
MW-01B	12-Mar-25	ZR-NB-95		<	6.6	
MW-01B	12-Mar-25	I-131		<	0.447	
MW-01B	12-Mar-25	CS-134		<	9.0	
MW-01B	12-Mar-25	CS-137		<	5.9	
MW-01B	12-Mar-25	BA-LA-140		<	8.4	
MW-01B	12-Mar-25	H-3		<	177	
MW-01B	10-Jun-25	MN-54		<	3.8	
MW-01B	10-Jun-25	CO-58		<	5.7	
MW-01B	10-Jun-25	FE-59		<	6.3	
MW-01B	10-Jun-25	CO-60		<	5.0	
MW-01B	10-Jun-25	ZN-65		<	6.8	
MW-01B	10-Jun-25	ZR-NB-95		<	6.6	
MW-01B	10-Jun-25	I-131		<	0.417	
MW-01B	10-Jun-25	CS-134		<	6.8	
MW-01B	10-Jun-25	CS-137		<	8.7	
MW-01B	10-Jun-25	BA-LA-140		<	5.3	
MW-01B	10-Jun-25	H-3		<	179	
MW-01B	17-Sep-25	MN-54		<	2.7	
MW-01B	17-Sep-25	CO-58		<	2.5	
MW-01B	17-Sep-25	FE-59		<	3.9	
MW-01B	17-Sep-25	CO-60		<	2.2	
MW-01B	17-Sep-25	ZN-65		<	5.7	
MW-01B	17-Sep-25	ZR-NB-95		<	3.7	

MW-01B	17-Sep-25	I-131		<	0.464	
MW-01B	17-Sep-25	CS-134		<	3.5	
MW-01B	17-Sep-25	CS-137		<	3.8	
MW-01B	17-Sep-25	BA-LA-140		<	2.6	
MW-01B	17-Sep-25	H-3		<	173	
MW-01B	12-Nov-25	MN-54		<	2.7	
MW-01B	12-Nov-25	CO-58		<	3.9	
MW-01B	12-Nov-25	CO-60		<	3.4	
MW-01B	12-Nov-25	ZN-65		<	6.9	
MW-01B	12-Nov-25	ZR-NB-95		<	3.3	
MW-01B	12-Nov-25	I-131		<	0.4	
MW-01B	12-Nov-25	CS-134		<	3.400	
MW-01B	12-Nov-25	CS-137		<	4.4	
MW-01B	12-Nov-25	BA-LA-140		<	1.7	
MW-01B	12-Nov-25	H-3		<	170	
MW-01B	12-Nov-25	FE-55		<	5	
MW-01C	12-Mar-25	MN-54		<	3.5	
MW-01C	12-Mar-25	CO-58		<	4.3	
MW-01C	12-Mar-25	FE-59		<	7.9	
MW-01C	12-Mar-25	CO-60		<	4.6	
MW-01C	12-Mar-25	ZN-65		<	6.5	
MW-01C	12-Mar-25	ZR-NB-95		<	3.0	
MW-01C	12-Mar-25	I-131		<	0.409	
MW-01C	12-Mar-25	CS-134		<	5	
MW-01C	12-Mar-25	CS-137		<	6	
MW-01C	12-Mar-25	BA-LA-140		<	3.2	

MW-01C	12-Mar-25	H-3		<	177	
MW-01C	10-Jun-25	MN-54		<	4.1	
MW-01C	10-Jun-25	CO-58		<	5.8	
MW-01C	10-Jun-25	FE-59		<	8.3	
MW-01C	10-Jun-25	CO-60		<	5.5	
MW-01C	10-Jun-25	ZN-65		<	5.9	
MW-01C	10-Jun-25	ZR-NB-95		<	5.0	
MW-01C	10-Jun-25	I-131		<	0.44	
MW-01C	10-Jun-25	CS-134		<	6.9	
MW-01C	10-Jun-25	CS-137		<	9.0	
MW-01C	10-Jun-25	BA-LA-140		<	4.6	
MW-01C	10-Jun-25	H-3		<	179	
MW-01C	17-Sep-25	MN-54		<	2.7	
MW-01C	17-Sep-25	CO-58		<	2.7	
MW-01C	17-Sep-25	FE-59		<	6.0	
MW-01C	17-Sep-25	CO-60		<	3.2	
MW-01C	17-Sep-25	ZN-65		<	3.8	
MW-01C	17-Sep-25	ZR-NB-95		<	2.7	
MW-01C	17-Sep-25	I-131		<	0.395	
MW-01C	17-Sep-25	CS-134		<	3.4	
MW-01C	17-Sep-25	CS-137		<	3.9	
MW-01C	17-Sep-25	BA-LA-140		<	3.6	
MW-01C	17-Sep-25	H-3		<	173	
MW-01C	12-Nov-25	MN-54		<	2.6	
MW-01C	12-Nov-25	CO-58		<	4.5	
MW-01C	12-Nov-25	CO-60		<	4.8	

MW-01C	12-Nov-25	ZN-65		<	6.5	
MW-01C	12-Nov-25	ZR-NB-95		<	6.0	
MW-01C	12-Nov-25	I-131		<	0.5	
MW-01C	12-Nov-25	CS-134		<	4.50	
MW-01C	12-Nov-25	CS-137		<	2.7	
MW-01C	12-Nov-25	BA-LA-140		<	5.2	
MW-01C	12-Nov-25	H-3		<	170.0	
MW-01C	12-Nov-25	FE-55		<	8	
MW-02A	12-Mar-25	MN-54		<	7.8	
MW-02A	12-Mar-25	CO-58		<	8.1	
MW-02A	12-Mar-25	FE-59		<	10.0	
MW-02A	12-Mar-25	CO-60		<	6.2	
MW-02A	12-Mar-25	ZN-65		<	18.4	
MW-02A	12-Mar-25	ZR-NB-95		<	6.3	
MW-02A	12-Mar-25	I-131		<	0.392	
MW-02A	12-Mar-25	CS-134		<	8.1	
MW-02A	12-Mar-25	CS-137		<	5.6	
MW-02A	12-Mar-25	BA-LA-140		<	6.6	
MW-02A	12-Mar-25	H-3		<	177	
MW-02A	10-Jun-25	MN-54		<	2.3	
MW-02A	10-Jun-25	CO-58		<	3.4	
MW-02A	10-Jun-25	FE-59		<	5	
MW-02A	10-Jun-25	CO-60		<	3.2	
MW-02A	10-Jun-25	ZN-65		<	5.6	
MW-02A	10-Jun-25	ZR-NB-95		<	5.2	
MW-02A	10-Jun-25	I-131		<	0.43	

MW-02A	10-Jun-25	CS-134		<	6.6	
MW-02A	10-Jun-25	CS-137		<	5.1	
MW-02A	10-Jun-25	BA-LA-140		<	4.4	
MW-02A	10-Jun-25	H-3		<	179	
MW-02A	17-Sep-25	MN-54		<	4	
MW-02A	17-Sep-25	CO-58		<	2.6	
MW-02A	17-Sep-25	FE-59		<	6.3	
MW-02A	17-Sep-25	CO-60		<	5.4	
MW-02A	17-Sep-25	ZN-65		<	7.1	
MW-02A	17-Sep-25	ZR-NB-95		<	4.9	
MW-02A	17-Sep-25	I-131		<	0.351	
MW-02A	17-Sep-25	CS-134		<	5.0	
MW-02A	17-Sep-25	CS-137		<	5.9	
MW-02A	17-Sep-25	BA-LA-140		<	2.5	
MW-02A	17-Sep-25	H-3		<	173	
MW-02A	12-Nov-25	MN-54		<	2.7	
MW-02A	12-Nov-25	CO-58		<	3	
MW-02A	12-Nov-25	FE-59		<	5.8	
MW-02A	12-Nov-25	CO-60		<	6	
MW-02A	12-Nov-25	ZN-65		<	3.4	
MW-02A	12-Nov-25	ZR-NB-95		<	5.0	
MW-02A	12-Nov-25	I-131		<	0.409	
MW-02A	12-Nov-25	CS-134		<	5.3	
MW-02A	12-Nov-25	CS-137		<	5	
MW-02A	12-Nov-25	BA-LA-140		<	2.3	
MW-02A	12-Nov-25	H-3		<	170	

MW-02B	12-Mar-25	MN-54		<	3.9	
MW-02B	12-Mar-25	CO-58		<	3.7	
MW-02B	12-Mar-25	FE-59		<	8.3	
MW-02B	12-Mar-25	CO-60		<	4.9	
MW-02B	12-Mar-25	ZN-65		<	9.0	
MW-02B	12-Mar-25	ZR-NB-95		<	5.5	
MW-02B	12-Mar-25	I-131		<	0.36	
MW-02B	12-Mar-25	CS-134		<	6.7	
MW-02B	12-Mar-25	CS-137		<	7.7	
MW-02B	12-Mar-25	BA-LA-140		<	3.0	
MW-02B	12-Mar-25	H-3		<	177	
MW-02B	10-Jun-25	MN-54		<	4.5	
MW-02B	10-Jun-25	CO-58		<	4.1	
MW-02B	10-Jun-25	FE-59		<	6.5	
MW-02B	10-Jun-25	CO-60		<	6.4	
MW-02B	10-Jun-25	ZN-65		<	9.4	
MW-02B	10-Jun-25	ZR-NB-95		<	5.7	
MW-02B	10-Jun-25	I-131		<	0.374	
MW-02B	10-Jun-25	CS-134		<	7.7	
MW-02B	10-Jun-25	CS-137		<	8.1	
MW-02B	10-Jun-25	BA-LA-140		<	4.7	
MW-02B	10-Jun-25	H-3		<	179	
MW-02B	17-Sep-25	MN-54		<	4.1	
MW-02B	17-Sep-25	CO-58		<	3	
MW-02B	17-Sep-25	FE-59		<	2.2	
MW-02B	17-Sep-25	CO-60		<	3.3	

MW-02B	17-Sep-25	ZN-65		<	5.1	
MW-02B	17-Sep-25	ZR-NB-95		<	2.0	
MW-02B	17-Sep-25	I-131		<	0.493	
MW-02B	17-Sep-25	CS-134		<	4	
MW-02B	17-Sep-25	CS-137		<	3.5	
MW-02B	17-Sep-25	BA-LA-140		<	2.9	
MW-02B	17-Sep-25	H-3		<	173	
MW-02B	12-Nov-25	MN-54		<	2.7	
MW-02B	12-Nov-25	CO-58		<	4.3	
MW-02B	12-Nov-25	FE-59		<	6.1	
MW-02B	12-Nov-25	CO-60		<	3.1	
MW-02B	12-Nov-25	ZN-65		<	4.9	
MW-02B	12-Nov-25	ZR-NB-95		<	2.8	
MW-02B	12-Nov-25	I-131		<	0.4	
MW-02B	12-Nov-25	CS-134		<	2.6	
MW-02B	12-Nov-25	CS-137		<	3.3	
MW-02B	12-Nov-25	BA-LA-140		<	2.6	
MW-02B	12-Nov-25	H-3		<	170	
MW-03A	12-Mar-25	MN-54		<	6.7	
MW-03A	12-Mar-25	CO-58		<	3.700	
MW-03A	12-Mar-25	FE-59		<	6.500	
MW-03A	12-Mar-25	CO-60		<	7.5	
MW-03A	12-Mar-25	ZN-65		<	8.9	
MW-03A	12-Mar-25	ZR-NB-95		<	3.5	
MW-03A	12-Mar-25	I-131		<	0.4	
MW-03A	12-Mar-25	CS-134		<	7.3	

MW-03A	12-Mar-25	CS-137		<	8.8	
MW-03A	12-Mar-25	BA-LA-140		<	4	
MW-03A	12-Mar-25	H-3		<	177	
MW-03A	10-Jun-25	MN-54		<	2.4	
MW-03A	10-Jun-25	CO-58		<	5.9	
MW-03A	10-Jun-25	FE-59		<	8.6	
MW-03A	10-Jun-25	CO-60		<	4.4	
MW-03A	10-Jun-25	ZN-65		<	6.6	
MW-03A	10-Jun-25	ZR-NB-95		<	5.4	
MW-03A	10-Jun-25	I-131		<	0.4	
MW-03A	10-Jun-25	CS-134		<	5.9	
MW-03A	10-Jun-25	CS-137		<	5.7	
MW-03A	10-Jun-25	BA-LA-140		<	4.5	
MW-03A	10-Jun-25	H-3		<	179.0	
MW-03A	17-Sep-25	MN-54		<	3.1	
MW-03A	17-Sep-25	CO-58		<	2.800	
MW-03A	17-Sep-25	FE-59		<	5.500	
MW-03A	17-Sep-25	CO-60		<	3.5	
MW-03A	17-Sep-25	ZN-65		<	6.7	
MW-03A	17-Sep-25	ZR-NB-95		<	3.6	
MW-03A	17-Sep-25	I-131		<	0.5	
MW-03A	17-Sep-25	CS-134		<	3.8	
MW-03A	17-Sep-25	CS-137		<	3.3	
MW-03A	17-Sep-25	BA-LA-140		<	3	
MW-03A	17-Sep-25	H-3		<	173	
MW-03A	12-Nov-25	MN-54		<	2.6	

MW-03A	12-Nov-25	CO-58		<	2.3	
MW-03A	12-Nov-25	FE-59		<	6.0	
MW-03A	12-Nov-25	CO-60		<	4.0	
MW-03A	12-Nov-25	ZN-65		<	4.5	
MW-03A	12-Nov-25	ZR-NB-95		<	2.4	
MW-03A	12-Nov-25	I-131		<	0.37	
MW-03A	12-Nov-25	CS-134		<	4.2	
MW-03A	12-Nov-25	CS-137		<	3.6	
MW-03A	12-Nov-25	BA-LA-140		<	2	
MW-03A	12-Nov-25	H-3		<	170	
MW-03B	12-Mar-25	MN-54		<	5.0	
MW-03B	12-Mar-25	CO-58		<	4.7	
MW-03B	12-Mar-25	FE-59		<	13.0	
MW-03B	12-Mar-25	CO-60		<	3.9	
MW-03B	12-Mar-25	ZN-65		<	6.5	
MW-03B	12-Mar-25	ZR-NB-95		<	8.0	
MW-03B	12-Mar-25	I-131		<	0.365	
MW-03B	12-Mar-25	CS-134		<	7.6	
MW-03B	12-Mar-25	CS-137		<	7.1	
MW-03B	12-Mar-25	BA-LA-140		<	7.6	
MW-03B	12-Mar-25	H-3		<	177	
MW-03B	10-Jun-25	MN-54		<	5.8	
MW-03B	10-Jun-25	CO-58		<	4.2	
MW-03B	10-Jun-25	FE-59		<	9.2	
MW-03B	10-Jun-25	CO-60		<	7.4	
MW-03B	10-Jun-25	ZN-65		<	10.0	

MW-03B	10-Jun-25	ZR-NB-95		<	6.5	
MW-03B	10-Jun-25	I-131		<	0.408	
MW-03B	10-Jun-25	CS-134		<	11	
MW-03B	10-Jun-25	CS-137		<	12.8	
MW-03B	10-Jun-25	BA-LA-140		<	7.8	
MW-03B	10-Jun-25	H-3		<	179	
MW-03B	17-Sep-25	MN-54		<	3.7	
MW-03B	17-Sep-25	CO-58		<	5.2	
MW-03B	17-Sep-25	FE-59		<	6.8	
MW-03B	17-Sep-25	CO-60		<	5.7	
MW-03B	17-Sep-25	ZN-65		<	8.3	
MW-03B	17-Sep-25	ZR-NB-95		<	2.8	
MW-03B	17-Sep-25	I-131		<	0.467	
MW-03B	17-Sep-25	CS-134		<	5.3	
MW-03B	17-Sep-25	CS-137		<	6.8	
MW-03B	17-Sep-25	BA-LA-140		<	2.8	
MW-03B	17-Sep-25	H-3		<	173	
MW-03B	12-Nov-25	MN-54		<	3.8	
MW-03B	12-Nov-25	CO-58		<	2.9	
MW-03B	12-Nov-25	FE-59		<	9	
MW-03B	12-Nov-25	CO-60		<	5	
MW-03B	12-Nov-25	ZN-65		<	6.2	
MW-03B	12-Nov-25	ZR-NB-95		<	3.5	
MW-03B	12-Nov-25	I-131		<	0.335	
MW-03B	12-Nov-25	CS-134		<	5.1	
MW-03B	12-Nov-25	CS-137		<	6	

MW-03B	12-Nov-25	BA-LA-140		<	2.8	
MW-03B	12-Nov-25	H-3		<	170	
MW-03C	12-Mar-25	MN-54		<	2.4	
MW-03C	12-Mar-25	CO-58		<	5	
MW-03C	12-Mar-25	FE-59		<	7.3	
MW-03C	12-Mar-25	CO-60		<	4	
MW-03C	12-Mar-25	ZN-65		<	7.8	
MW-03C	12-Mar-25	ZR-NB-95		<	6.2	
MW-03C	12-Mar-25	I-131		<	0.3	
MW-03C	12-Mar-25	CS-134		<	5.7	
MW-03C	12-Mar-25	CS-137		<	7.0	
MW-03C	12-Mar-25	BA-LA-140		<	2.7	
MW-03C	12-Mar-25	H-3		<	177.0	
MW-03C	10-Jun-25	MN-54		<	3.2	
MW-03C	10-Jun-25	MN-54		<	3.500	Duplicate
MW-03C	10-Jun-25	CO-58		<	4.000	
MW-03C	10-Jun-25	CO-58		<	6.6	Duplicate
MW-03C	10-Jun-25	FE-59		<	10.0	Duplicate
MW-03C	10-Jun-25	FE-59		<	7.3	
MW-03C	10-Jun-25	CO-60		<	6.8	Duplicate
MW-03C	10-Jun-25	CO-60		<	4.5	
MW-03C	10-Jun-25	ZN-65		<	8.4	Duplicate
MW-03C	10-Jun-25	ZN-65		<	8	
MW-03C	10-Jun-25	ZR-NB-95		<	6	
MW-03C	10-Jun-25	ZR-NB-95		<	3.5	Duplicate
MW-03C	10-Jun-25	I-131		<	0.4	

MW-03C	10-Jun-25	I-131		<	0.4	Duplicate
MW-03C	10-Jun-25	CS-134		<	10.6	Duplicate
MW-03C	10-Jun-25	CS-134		<	4.9	
MW-03C	10-Jun-25	CS-137		<	6.6	
MW-03C	10-Jun-25	CS-137		<	10.300	Duplicate
MW-03C	10-Jun-25	BA-LA-140		<	6.7	Duplicate
MW-03C	10-Jun-25	BA-LA-140		<	6.2	
MW-03C	10-Jun-25	H-3		<	179.0	
MW-03C	10-Jun-25	H-3		<	179	Duplicate
MW-03C	17-Sep-25	MN-54		<	2.4	
MW-03C	17-Sep-25	CO-58		<	3.1	
MW-03C	17-Sep-25	FE-59		<	4.4	
MW-03C	17-Sep-25	CO-60		<	2.4	
MW-03C	17-Sep-25	ZN-65		<	5.9	
MW-03C	17-Sep-25	ZR-NB-95		<	4.0	
MW-03C	17-Sep-25	I-131		<	0.494	
MW-03C	17-Sep-25	CS-134		<	4	
MW-03C	17-Sep-25	CS-137		<	2.5	
MW-03C	17-Sep-25	BA-LA-140		<	3.3	
MW-03C	17-Sep-25	H-3		<	173	
MW-03C	12-Nov-25	MN-54		<	2.5	
MW-03C	12-Nov-25	CO-58		<	3.1	
MW-03C	12-Nov-25	FE-59		<	4.6	
MW-03C	12-Nov-25	CO-60		<	2.9	
MW-03C	12-Nov-25	ZN-65		<	6.1	
MW-03C	12-Nov-25	ZR-NB-95		<	5.5	

MW-03C	12-Nov-25	I-131		<	0.338	
MW-03C	12-Nov-25	CS-134		<	4.0	
MW-03C	12-Nov-25	CS-137		<	2.5	
MW-03C	12-Nov-25	BA-LA-140		<	1.9	
MW-03C	12-Nov-25	H-3		<	170	
MW-05C	12-Mar-25	MN-54		<	4.0	
MW-05C	12-Mar-25	CO-58		<	5.0	
MW-05C	12-Mar-25	FE-59		<	8.1	
MW-05C	12-Mar-25	CO-60		<	5.2	
MW-05C	12-Mar-25	ZN-65		<	5.9	
MW-05C	12-Mar-25	ZR-NB-95		<	3.8	
MW-05C	12-Mar-25	I-131		<	0.451	
MW-05C	12-Mar-25	CS-134		<	5.2	
MW-05C	12-Mar-25	CS-137		<	7	
MW-05C	12-Mar-25	BA-LA-140		<	2.5	
MW-05C	12-Mar-25	H-3		<	177	
MW-05C	10-Jun-25	MN-54		<	4.2	
MW-05C	10-Jun-25	CO-58		<	4.2	
MW-05C	10-Jun-25	FE-59		<	12.6	
MW-05C	10-Jun-25	CO-60		<	7.5	
MW-05C	10-Jun-25	ZN-65		<	10.1	
MW-05C	10-Jun-25	ZR-NB-95		<	6.4	
MW-05C	10-Jun-25	I-131		<	0.391	
MW-05C	10-Jun-25	CS-134		<	8.8	
MW-05C	10-Jun-25	CS-137		<	8.5	
MW-05C	10-Jun-25	BA-LA-140		<	8	

MW-05C	10-Jun-25	H-3		<	179	
MW-05C	17-Sep-25	MN-54		<	3.8	
MW-05C	17-Sep-25	CO-58		<	2.5	
MW-05C	17-Sep-25	FE-59		<	3.8	
MW-05C	17-Sep-25	CO-60		<	3.1	
MW-05C	17-Sep-25	ZN-65		<	4.5	
MW-05C	17-Sep-25	ZR-NB-95		<	3.5	
MW-05C	17-Sep-25	I-131		<	0.367	
MW-05C	17-Sep-25	CS-134		<	3.9	
MW-05C	17-Sep-25	CS-137		<	4.0	
MW-05C	17-Sep-25	BA-LA-140		<	1.8	
MW-05C	17-Sep-25	H-3		<	173	
MW-05C	12-Nov-25	MN-54		<	3.3	
MW-05C	12-Nov-25	CO-58		<	3.0	
MW-05C	12-Nov-25	FE-59		<	4.9	
MW-05C	12-Nov-25	CO-60		<	4	
MW-05C	12-Nov-25	ZN-65		<	8.6	
MW-05C	12-Nov-25	ZR-NB-95		<	4.0	
MW-05C	12-Nov-25	I-131		<	0.359	
MW-05C	12-Nov-25	CS-134		<	3.4	
MW-05C	12-Nov-25	CS-137		<	4.7	
MW-05C	12-Nov-25	BA-LA-140		<	2.6	
MW-05C	12-Nov-25	H-3		<	170	
MW-11A	12-Mar-25	MN-54		<	3.2	
MW-11A	12-Mar-25	CO-58		<	3.1	
MW-11A	12-Mar-25	FE-59		<	9.1	

MW-11A	12-Mar-25	CO-60		<	5.0	
MW-11A	12-Mar-25	ZN-65		<	9.4	
MW-11A	12-Mar-25	ZR-NB-95		<	2.2	
MW-11A	12-Mar-25	I-131		<	0.403	
MW-11A	12-Mar-25	CS-134		<	6	
MW-11A	12-Mar-25	CS-137		<	7.6	
MW-11A	12-Mar-25	BA-LA-140		<	2.8	
MW-11A	12-Mar-25	H-3		<	177	
MW-11A	10-Jun-25	MN-54		<	6.2	
MW-11A	10-Jun-25	CO-58		<	4.9	
MW-11A	10-Jun-25	FE-59		<	8.2	
MW-11A	10-Jun-25	CO-60		<	7.0	
MW-11A	10-Jun-25	ZN-65		<	8.8	
MW-11A	10-Jun-25	ZR-NB-95		<	6.6	
MW-11A	10-Jun-25	I-131		<	0.320	
MW-11A	10-Jun-25	CS-134		<	8.4	
MW-11A	10-Jun-25	CS-137		<	11.0	
MW-11A	10-Jun-25	BA-LA-140		<	7.0	
MW-11A	10-Jun-25	H-3		<	179	
MW-11A	17-Sep-25	MN-54		<	3.6	
MW-11A	17-Sep-25	CO-58		<	3.4	
MW-11A	17-Sep-25	FE-59		<	5.4	
MW-11A	17-Sep-25	CO-60		<	3.5	
MW-11A	17-Sep-25	ZN-65		<	3.4	
MW-11A	17-Sep-25	ZR-NB-95		<	3.1	
MW-11A	17-Sep-25	I-131		<	0.438	

MW-11A	17-Sep-25	CS-134		<	4.0	
MW-11A	17-Sep-25	CS-137		<	3.8	
MW-11A	17-Sep-25	BA-LA-140		<	2.4	
MW-11A	17-Sep-25	H-3		<	173	
MW-11A	12-Nov-25	MN-54		<	3.1	
MW-11A	12-Nov-25	CO-58		<	4.2	
MW-11A	12-Nov-25	FE-59		<	5.9	
MW-11A	12-Nov-25	CO-60		<	5.0	
MW-11A	12-Nov-25	ZN-65		<	4.7	
MW-11A	12-Nov-25	ZR-NB-95		<	3.9	
MW-11A	12-Nov-25	I-131		<	0.383	
MW-11A	12-Nov-25	CS-134		<	4.9	
MW-11A	12-Nov-25	CS-137		<	5.1	
MW-11A	12-Nov-25	BA-LA-140		<	2.7	
MW-11A	12-Nov-25	H-3		<	170	
MW-11B	12-Mar-25	MN-54		<	9.1	
MW-11B	12-Mar-25	CO-58		<	5.9	
MW-11B	12-Mar-25	FE-59		<	11	
MW-11B	12-Mar-25	CO-60		<	4.8	
MW-11B	12-Mar-25	ZN-65		<	8.8	
MW-11B	12-Mar-25	ZR-NB-95		<	5.0	
MW-11B	12-Mar-25	I-131		<	0.383	
MW-11B	12-Mar-25	CS-134		<	8.3	
MW-11B	12-Mar-25	CS-137		<	8	
MW-11B	12-Mar-25	BA-LA-140		<	9.2	
MW-11B	12-Mar-25	H-3		<	177	

MW-11B	10-Jun-25	MN-54		<	3.3	
MW-11B	10-Jun-25	CO-58		<	4.1	
MW-11B	10-Jun-25	FE-59		<	7.5	
MW-11B	10-Jun-25	CO-60		<	4.6	
MW-11B	10-Jun-25	ZN-65		<	8.1	
MW-11B	10-Jun-25	ZR-NB-95		<	7.0	
MW-11B	10-Jun-25	I-131		<	0.402	
MW-11B	10-Jun-25	CS-134		<	8.7	
MW-11B	10-Jun-25	CS-137		<	6.2	
MW-11B	10-Jun-25	BA-LA-140		<	6.3	
MW-11B	10-Jun-25	H-3		<	179	
MW-11B	17-Sep-25	MN-54		<	3.4	
MW-11B	17-Sep-25	CO-58		<	2.6	
MW-11B	17-Sep-25	FE-59		<	7.9	
MW-11B	17-Sep-25	CO-60		<	5.6	
MW-11B	17-Sep-25	ZN-65		<	4.4	
MW-11B	17-Sep-25	ZR-NB-95		<	2.5	
MW-11B	17-Sep-25	I-131		<	0.375	
MW-11B	17-Sep-25	CS-134		<	5	
MW-11B	17-Sep-25	CS-137		<	5.2	
MW-11B	17-Sep-25	BA-LA-140		<	2.9	
MW-11B	17-Sep-25	H-3		<	173	
MW-11B	12-Nov-25	MN-54		<	3.2	
MW-11B	12-Nov-25	CO-58		<	3.5	
MW-11B	12-Nov-25	FE-59		<	4.8	
MW-11B	12-Nov-25	CO-60		<	2.6	

MW-11B	12-Nov-25	ZN-65		<	3.5	
MW-11B	12-Nov-25	ZR-NB-95		<	2.0	
MW-11B	12-Nov-25	I-131		<	0.447	
MW-11B	12-Nov-25	CS-134		<	3.2	
MW-11B	12-Nov-25	CS-137		<	4	
MW-11B	12-Nov-25	BA-LA-140		<	3.1	
MW-11B	12-Nov-25	H-3		<	170	
MW-12A	12-Mar-25	MN-54		<	5.7	
MW-12A	12-Mar-25	CO-58		<	5.1	
MW-12A	12-Mar-25	FE-59		<	12.0	
MW-12A	12-Mar-25	CO-60		<	5	
MW-12A	12-Mar-25	ZN-65		<	10.3	
MW-12A	12-Mar-25	ZR-NB-95		<	5.3	
MW-12A	12-Mar-25	I-131		<	0.447	
MW-12A	12-Mar-25	CS-134		<	8.9	
MW-12A	12-Mar-25	CS-137		<	9.1	
MW-12A	12-Mar-25	BA-LA-140		<	8.6	
MW-12A	12-Mar-25	H-3	199	+/-	93	
MW-12A	10-Jun-25	MN-54		<	5.5	
MW-12A	10-Jun-25	CO-58		<	4.2	
MW-12A	10-Jun-25	FE-59		<	8	
MW-12A	10-Jun-25	CO-60		<	5	
MW-12A	10-Jun-25	ZN-65		<	8.7	
MW-12A	10-Jun-25	ZR-NB-95		<	5	
MW-12A	10-Jun-25	I-131		<	0.42	
MW-12A	10-Jun-25	CS-134		<	7.8	

MW-12A	10-Jun-25	CS-137		<	6.1	
MW-12A	10-Jun-25	BA-LA-140		<	6.8	
MW-12A	10-Jun-25	H-3		<	179	
MW-12A	17-Sep-25	MN-54		<	4.0	
MW-12A	17-Sep-25	CO-58		<	2.6	
MW-12A	17-Sep-25	FE-59		<	9	
MW-12A	17-Sep-25	CO-60		<	5.3	
MW-12A	17-Sep-25	ZN-65		<	3.2	
MW-12A	17-Sep-25	ZR-NB-95		<	3.5	
MW-12A	17-Sep-25	I-131		<	0.404	
MW-12A	17-Sep-25	CS-134		<	4.7	
MW-12A	17-Sep-25	CS-137		<	6.8	
MW-12A	17-Sep-25	BA-LA-140		<	2.5	
MW-12A	17-Sep-25	H-3		<	173	
MW-12A	12-Nov-25	MN-54		<	2.1	
MW-12A	12-Nov-25	CO-58		<	2.9	
MW-12A	12-Nov-25	FE-59		<	6.8	
MW-12A	12-Nov-25	CO-60		<	3	
MW-12A	12-Nov-25	ZN-65		<	4	
MW-12A	12-Nov-25	ZR-NB-95		<	3.6	
MW-12A	12-Nov-25	I-131		<	0.402	
MW-12A	12-Nov-25	CS-134		<	3.7	
MW-12A	12-Nov-25	CS-137		<	4	
MW-12A	12-Nov-25	BA-LA-140		<	2.3	
MW-12A	12-Nov-25	H-3		<	170	
MW-12B	12-Mar-25	MN-54		<	7.6	

MW-12B	12-Mar-25	CO-58		<	6	
MW-12B	12-Mar-25	FE-59		<	12.9	
MW-12B	12-Mar-25	CO-60		<	7.1	
MW-12B	12-Mar-25	ZN-65		<	11.8	
MW-12B	12-Mar-25	ZR-NB-95		<	6	
MW-12B	12-Mar-25	I-131		<	0.361	
MW-12B	12-Mar-25	CS-134		<	9.1	
MW-12B	12-Mar-25	CS-137		<	5.7	
MW-12B	12-Mar-25	BA-LA-140		<	12.6	
MW-12B	12-Mar-25	H-3		<	177	
MW-12B	10-Jun-25	MN-54		<	3.4	
MW-12B	10-Jun-25	CO-58		<	4.1	
MW-12B	10-Jun-25	FE-59		<	7.5	
MW-12B	10-Jun-25	CO-60		<	4.6	
MW-12B	10-Jun-25	ZN-65		<	8.1	
MW-12B	10-Jun-25	ZR-NB-95		<	4.8	
MW-12B	10-Jun-25	I-131		<	0.384	
MW-12B	10-Jun-25	CS-134		<	5.9	
MW-12B	10-Jun-25	CS-137		<	6.2	
MW-12B	10-Jun-25	BA-LA-140		<	6.4	
MW-12B	10-Jun-25	H-3		<	179	
MW-12B	17-Sep-25	MN-54		<	3	
MW-12B	17-Sep-25	CO-58		<	3.7	
MW-12B	17-Sep-25	FE-59		<	3.1	
MW-12B	17-Sep-25	CO-60		<	2.8	
MW-12B	17-Sep-25	ZN-65		<	6	

MW-12B	17-Sep-25	ZR-NB-95		<	3.4	
MW-12B	17-Sep-25	I-131		<	0.392	
MW-12B	17-Sep-25	CS-134		<	3.1	
MW-12B	17-Sep-25	CS-137		<	4	
MW-12B	17-Sep-25	BA-LA-140		<	5	
MW-12B	17-Sep-25	H-3		<	173	
MW-12B	12-Nov-25	MN-54		<	2.9	
MW-12B	12-Nov-25	CO-58		<	2.6	
MW-12B	12-Nov-25	FE-59		<	3.5	
MW-12B	12-Nov-25	CO-60		<	2.8	
MW-12B	12-Nov-25	ZN-65		<	4	
MW-12B	12-Nov-25	ZR-NB-95		<	4.1	
MW-12B	12-Nov-25	I-131		<	0.445	
MW-12B	12-Nov-25	CS-134		<	4	
MW-12B	12-Nov-25	CS-137		<	2.9	
MW-12B	12-Nov-25	BA-LA-140		<	3.0	
MW-12B	12-Nov-25	H-3		<	170	
MW-13	12-Mar-25	MN-54		<	4.7	
MW-13	12-Mar-25	CO-58		<	5.1	
MW-13	12-Mar-25	FE-59		<	11	
MW-13	12-Mar-25	CO-60		<	5	
MW-13	12-Mar-25	ZN-65		<	5.9	
MW-13	12-Mar-25	ZR-NB-95		<	5.0	
MW-13	12-Mar-25	I-131		<	0.38	
MW-13	12-Mar-25	CS-134		<	8.9	
MW-13	12-Mar-25	CS-137		<	6.7	

MW-13	12-Mar-25	BA-LA-140		<	9.0	
MW-13	12-Mar-25	H-3		<	177	
MW-13	10-Jun-25	MN-54		<	4.1	
MW-13	10-Jun-25	CO-58		<	6.3	
MW-13	10-Jun-25	FE-59		<	9.1	
MW-13	10-Jun-25	CO-60		<	6.0	
MW-13	10-Jun-25	ZN-65		<	10.0	
MW-13	10-Jun-25	ZR-NB-95		<	5.3	
MW-13	10-Jun-25	I-131		<	0.671	
MW-13	10-Jun-25	CS-134		<	5	
MW-13	10-Jun-25	CS-137		<	4.5	
MW-13	10-Jun-25	BA-LA-140		<	8	
MW-13	10-Jun-25	H-3		<	179	
MW-13	17-Sep-25	MN-54		<	3.5	
MW-13	17-Sep-25	CO-58		<	2.0	
MW-13	17-Sep-25	FE-59		<	6.9	
MW-13	17-Sep-25	CO-60		<	4.9	
MW-13	17-Sep-25	ZN-65		<	2.9	
MW-13	17-Sep-25	ZR-NB-95		<	3.2	
MW-13	17-Sep-25	I-131		<	0.420	
MW-13	17-Sep-25	CS-134		<	3.7	
MW-13	17-Sep-25	CS-137		<	3.3	
MW-13	17-Sep-25	BA-LA-140		<	2.2	
MW-13	17-Sep-25	H-3		<	173	
MW-13	12-Nov-25	MN-54		<	3.5	
MW-13	12-Nov-25	CO-58		<	4.6	

MW-13	12-Nov-25	FE-59		<	5.0	
MW-13	12-Nov-25	CO-60		<	5.2	
MW-13	12-Nov-25	ZN-65		<	7.2	
MW-13	12-Nov-25	ZR-NB-95		<	2.6	
MW-13	12-Nov-25	I-131		<	0.425	
MW-13	12-Nov-25	CS-134		<	4.4	
MW-13	12-Nov-25	CS-137		<	6.2	
MW-13	12-Nov-25	BA-LA-140		<	1.8	
MW-13	12-Nov-25	H-3		<	170	
MW-14	12-Mar-25	MN-54		<	4.6	
MW-14	12-Mar-25	CO-58		<	3.4	
MW-14	12-Mar-25	FE-59		<	7.6	
MW-14	12-Mar-25	CO-60		<	4.8	
MW-14	12-Mar-25	ZN-65		<	10	
MW-14	12-Mar-25	ZR-NB-95		<	6	
MW-14	12-Mar-25	I-131		<	0.377	
MW-14	12-Mar-25	CS-134		<	5.9	
MW-14	12-Mar-25	CS-137		<	8.1	
MW-14	12-Mar-25	BA-LA-140		<	3	
MW-14	12-Mar-25	H-3		<	177	
MW-14	10-Jun-25	MN-54		<	4.7	
MW-14	10-Jun-25	CO-58		<	5	
MW-14	10-Jun-25	FE-59		<	12.5	
MW-14	10-Jun-25	CO-60		<	7.9	
MW-14	10-Jun-25	ZN-65		<	11.4	
MW-14	10-Jun-25	ZR-NB-95		<	6.2	

MW-14	10-Jun-25	I-131		<	0.362	
MW-14	10-Jun-25	CS-134		<	10.5	
MW-14	10-Jun-25	CS-137		<	7.9	
MW-14	10-Jun-25	BA-LA-140		<	9.0	
MW-14	10-Jun-25	H-3		<	179	
MW-14	17-Sep-25	MN-54		<	3.9	
MW-14	17-Sep-25	CO-58		<	4	
MW-14	17-Sep-25	FE-59		<	6.7	
MW-14	17-Sep-25	CO-60		<	4.8	
MW-14	17-Sep-25	ZN-65		<	10.2	
MW-14	17-Sep-25	ZR-NB-95		<	2.8	
MW-14	17-Sep-25	I-131		<	0.464	
MW-14	17-Sep-25	CS-134		<	4.7	
MW-14	17-Sep-25	CS-137		<	5.2	
MW-14	17-Sep-25	BA-LA-140		<	2.4	
MW-14	17-Sep-25	H-3		<	173	
MW-14	12-Nov-25	MN-54		<	3.1	
MW-14	12-Nov-25	CO-58		<	2.6	
MW-14	12-Nov-25	FE-59		<	5.8	
MW-14	12-Nov-25	CO-60		<	3	
MW-14	12-Nov-25	ZN-65		<	5.4	
MW-14	12-Nov-25	ZR-NB-95		<	2.6	
MW-14	12-Nov-25	I-131		<	0.435	
MW-14	12-Nov-25	CS-134		<	3.5	
MW-14	12-Nov-25	CS-137		<	3	
MW-14	12-Nov-25	BA-LA-140		<	2.1	

MW-14	12-Nov-25	H-3		<	170	
MW-15	12-Mar-25	MN-54		<	7.2	
MW-15	12-Mar-25	CO-58		<	4.7	
MW-15	12-Mar-25	FE-59		<	11.5	
MW-15	12-Mar-25	CO-60		<	6.9	
MW-15	12-Mar-25	ZN-65		<	8.5	
MW-15	12-Mar-25	ZR-NB-95		<	5.5	
MW-15	12-Mar-25	I-131		<	0.236	
MW-15	12-Mar-25	CS-134		<	7.2	
MW-15	12-Mar-25	CS-137		<	6.8	
MW-15	12-Mar-25	BA-LA-140		<	10.4	
MW-15	12-Mar-25	H-3	216	+/-	94	
MW-15	10-Jun-25	MN-54		<	4.2	
MW-15	10-Jun-25	CO-58		<	5.9	
MW-15	10-Jun-25	FE-59		<	9	
MW-15	10-Jun-25	CO-60		<	5.7	
MW-15	10-Jun-25	ZN-65		<	10.0	
MW-15	10-Jun-25	ZR-NB-95		<	5.8	
MW-15	10-Jun-25	I-131		<	0.432	
MW-15	10-Jun-25	CS-134		<	6.5	
MW-15	10-Jun-25	CS-137		<	6.7	
MW-15	10-Jun-25	BA-LA-140		<	7.9	
MW-15	10-Jun-25	H-3		<	179	
MW-15	17-Sep-25	MN-54		<	3.7	
MW-15	17-Sep-25	CO-58		<	2.4	
MW-15	17-Sep-25	FE-59		<	3.4	

MW-15	17-Sep-25	CO-60		<	2.6	
MW-15	17-Sep-25	ZN-65		<	3.5	
MW-15	17-Sep-25	ZR-NB-95		<	3.4	
MW-15	17-Sep-25	I-131		<	0.5	
MW-15	17-Sep-25	CS-134		<	4.0	
MW-15	17-Sep-25	CS-137		<	4.1	
MW-15	17-Sep-25	BA-LA-140		<	2.0	
MW-15	17-Sep-25	H-3	205	+/-	96	
MW-15	12-Nov-25	MN-54		<	2.6	
MW-15	12-Nov-25	CO-58		<	2.8	
MW-15	12-Nov-25	FE-59		<	5.2	
MW-15	12-Nov-25	CO-60		<	3.9	
MW-15	12-Nov-25	ZN-65		<	4.5	
MW-15	12-Nov-25	ZR-NB-95		<	1.5	
MW-15	12-Nov-25	I-131		<	0.4	
MW-15	12-Nov-25	CS-134		<	3.0	
MW-15	12-Nov-25	CS-137		<	3.9	
MW-15	12-Nov-25	BA-LA-140		<	3	
MW-15	12-Nov-25	H-3	182	+/-	89.0	
MW-16	12-Mar-25	MN-54		<	5.6	
MW-16	12-Mar-25	CO-58		<	5.000	
MW-16	12-Mar-25	FE-59		<	7.500	
MW-16	12-Mar-25	CO-60		<	5.7	
MW-16	12-Mar-25	ZN-65		<	8.0	
MW-16	12-Mar-25	ZR-NB-95		<	6	
MW-16	12-Mar-25	I-131		<	0.4	

MW-16	12-Mar-25	CS-134		<	6.1	
MW-16	12-Mar-25	CS-137		<	6.7	
MW-16	12-Mar-25	BA-LA-140		<	5	
MW-16	12-Mar-25	H-3		<	177	
MW-16	10-Jun-25	MN-54		<	4.3	
MW-16	10-Jun-25	CO-58		<	5.0	
MW-16	10-Jun-25	FE-59		<	11.1	
MW-16	10-Jun-25	CO-60		<	8	
MW-16	10-Jun-25	ZN-65		<	10.5	
MW-16	10-Jun-25	ZR-NB-95		<	5.8	
MW-16	10-Jun-25	I-131		<	0.426	
MW-16	10-Jun-25	CS-134		<	9.5	
MW-16	10-Jun-25	CS-137		<	9.7	
MW-16	10-Jun-25	BA-LA-140		<	8.3	
MW-16	10-Jun-25	H-3		<	179	
MW-16	17-Sep-25	MN-54		<	3.1	
MW-16	17-Sep-25	MN-54		<	4.4	Duplicate
MW-16	17-Sep-25	CO-58		<	4.1	Duplicate
MW-16	17-Sep-25	CO-58		<	2.8	
MW-16	17-Sep-25	FE-59		<	5.4	Duplicate
MW-16	17-Sep-25	FE-59		<	2.1	
MW-16	17-Sep-25	CO-60		<	3.100	
MW-16	17-Sep-25	CO-60		<	5.7	Duplicate
MW-16	17-Sep-25	ZN-65		<	7	Duplicate
MW-16	17-Sep-25	ZN-65		<	3.1	
MW-16	17-Sep-25	ZR-NB-95		<	4	Duplicate

MW-16	17-Sep-25	ZR-NB-95		<	2.3	
MW-16	17-Sep-25	I-131		<	0.3	Duplicate
MW-16	17-Sep-25	I-131		<	0.4	
MW-16	17-Sep-25	CS-134		<	5.1	Duplicate
MW-16	17-Sep-25	CS-134		<	4	
MW-16	17-Sep-25	CS-137		<	3.1	
MW-16	17-Sep-25	CS-137		<	5.600	Duplicate
MW-16	17-Sep-25	BA-LA-140		<	2.0	
MW-16	17-Sep-25	BA-LA-140		<	2.5	Duplicate
MW-16	17-Sep-25	H-3		<	173.0	Duplicate
MW-16	17-Sep-25	H-3		<	173	
MW-16	12-Nov-25	MN-54		<	2.8	
MW-16	12-Nov-25	CO-58		<	2.6	
MW-16	12-Nov-25	FE-59		<	7.7	
MW-16	12-Nov-25	CO-60		<	5.0	
MW-16	12-Nov-25	ZN-65		<	10.4	
MW-16	12-Nov-25	ZR-NB-95		<	3.6	
MW-16	12-Nov-25	I-131		<	0.355	
MW-16	12-Nov-25	CS-134		<	4.5	
MW-16	12-Nov-25	CS-137		<	6.6	
MW-16	12-Nov-25	BA-LA-140		<	3.5	
MW-16	12-Nov-25	H-3		<	170	
MW-17	12-Mar-25	MN-54		<	5.0	
MW-17	12-Mar-25	CO-58		<	5.5	
MW-17	12-Mar-25	FE-59		<	17.4	
MW-17	12-Mar-25	CO-60		<	7.7	

MW-17	12-Mar-25	ZN-65		<	16.2	
MW-17	12-Mar-25	ZR-NB-95		<	6.2	
MW-17	12-Mar-25	I-131		<	0.463	
MW-17	12-Mar-25	CS-134		<	10.2	
MW-17	12-Mar-25	CS-137		<	9.0	
MW-17	12-Mar-25	BA-LA-140		<	8.3	
MW-17	12-Mar-25	H-3		<	177	
MW-17	10-Jun-25	MN-54		<	6.4	
MW-17	10-Jun-25	CO-58		<	6.0	
MW-17	10-Jun-25	FE-59		<	8.8	
MW-17	10-Jun-25	CO-60		<	6.6	
MW-17	10-Jun-25	ZN-65		<	9.5	
MW-17	10-Jun-25	ZR-NB-95		<	6.8	
MW-17	10-Jun-25	I-131		<	0.418	
MW-17	10-Jun-25	CS-134		<	9	
MW-17	10-Jun-25	CS-137		<	7	
MW-17	10-Jun-25	BA-LA-140		<	7.5	
MW-17	10-Jun-25	H-3		<	179	
MW-17	17-Sep-25	MN-54		<	3.0	
MW-17	17-Sep-25	CO-58		<	3.9	
MW-17	17-Sep-25	FE-59		<	4.4	
MW-17	17-Sep-25	CO-60		<	3.6	
MW-17	17-Sep-25	ZN-65		<	4.4	
MW-17	17-Sep-25	ZR-NB-95		<	4.2	
MW-17	17-Sep-25	I-131		<	0.478	
MW-17	17-Sep-25	CS-134		<	3.5	

MW-17	17-Sep-25	CS-137		<	3.2	
MW-17	17-Sep-25	BA-LA-140		<	2.1	
MW-17	17-Sep-25	H-3		<	173	
MW-17	12-Nov-25	MN-54		<	2.4	
MW-17	12-Nov-25	CO-58		<	2.6	
MW-17	12-Nov-25	FE-59		<	5.5	
MW-17	12-Nov-25	CO-60		<	2.7	
MW-17	12-Nov-25	ZN-65		<	5.0	
MW-17	12-Nov-25	ZR-NB-95		<	2.5	
MW-17	12-Nov-25	I-131		<	0.353	
MW-17	12-Nov-25	CS-134		<	3.4	
MW-17	12-Nov-25	CS-137		<	1.9	
MW-17	12-Nov-25	BA-LA-140		<	3.3	
MW-17	12-Nov-25	H-3		<	170	
MW-17	24-Oct-24	MN-54		<	3.2	
MW-17	24-Oct-24	CO-58		<	2.5	
MW-17	24-Oct-24	FE-59		<	3.3	
MW-17	24-Oct-24	CO-60		<	2.2	
MW-17	24-Oct-24	ZN-65		<	5	
MW-17	24-Oct-24	ZR-NB-95		<	2.8	
MW-17	24-Oct-24	I-131		<	0.475	
MW-17	24-Oct-24	CS-134		<	2.8	
MW-17	24-Oct-24	CS-137		<	3.3	
MW-17	24-Oct-24	BA-LA-140		<	2.8	
MW-17	24-Oct-24	H-3		<	185	

ENCLOSURES TO WCGS

ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT

Enclosure I contains the *Offsite Dose Calculation Manual*, AP 07B-003, Revision 10

Enclosure II contains the *Offsite Dose Calculation Manual (Radiological Environmental Monitoring Program)*, AP 07B-004, Revision 23

Enclosure III contains the *Solid Radwaste Process Control Program*, AP 31A-100, Revision 9

Note: Since enclosures have not changed from last report, they are not being included with this transmittal.