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June 4, 2015

Document Control Desk
 Nuclear Regulatory Commission
 Washington, D.C. 20555-001

**RE: 7-day Notification of Excursion at MU-109
 Lost Creek ISR Project PT788**

To Whom It May Concern,

In accordance with License Condition 11.5, this letter serves as written notification of the verification of an excursion at the Lost Creek ISR Project for monitor well MU-109 in follow up to email notification submitted on May 28, 2015. The excursion was confirmed on May 27, 2015 by verification sample analysis. The location of the well is provided on the attached figure "HH1-6 Patterns and Wells". This notification provides the following information:

- *Analytical data and trends of the monitor well on excursion*

The following table and chart provides data from 2015 to reveal the trends of the Upper Control Limit (UCL) parameters:

Sample ID	Collection Date	Alkalinity (mg/L)			Chloride (mg/L)			Sp. Cond. (µS/cm)		
		Assay	UCL	% Diff	Assay	UCL	% Diff	Assay	UCL	% Diff
MU-109	1/8/2015	82	196	-58	8.2	23	-64	444	525	-15
MU-109	1/22/2015	84	196	-57	7.8	23	-66	447	525	-15
MU-109	2/5/2015	89	196	-55	7.8	23	-66	459	525	-13
MU-109	2/20/2015	91	196	-54	7.4	23	-68	455	525	-13
MU-109	3/10/2015	63	196	-68	9.7	23	-58	421	525	-20
MU-109	3/25/2015	59	196	-70	10.9	23	-52	419	525	-20
MU-109	4/13/2015	71	196	-64	10.0	23	-57	432	525	-18
MU-109	4/23/2015	82	196	-58	12.0	23	-48	464	525	-12
MU-109	5/7/2015	88	196	-55	18.2	23	-21	490	525	-7
MU-109	5/21/2015	114	196	-42	30.1	23	31	601	525	14
MU-109	5/26/2015	158	196	-19	39.3	23	71	732	525	39

Italics: Result is greater than UCL limit but less than 20% over.

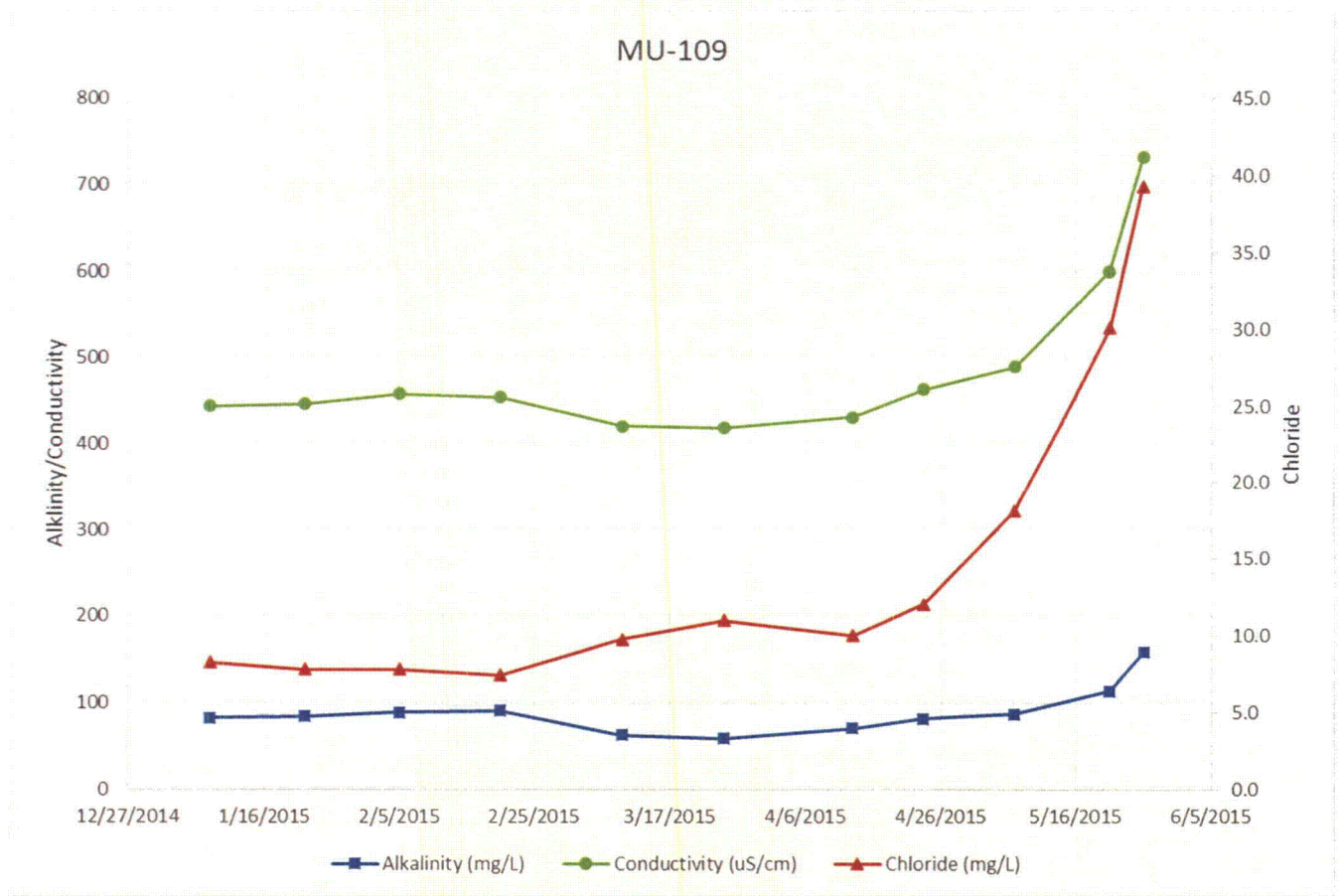
Bold Italics: Results is greater than 20% over the UCL limit.

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- The reason for the excursion*

The likely cause of the excursion was the lack of sufficient production flow from the vicinity of MU-109 due to both the limited use of the production wells 1P077 and 1P074A and recent mechanical failure of the pump in 1P074A.

- Actions to be taken to recover the excursion*

The pump was replaced in 1P074 and the flow balance was adjusted for an increase of production in the area. Sampling frequency of the well has been increased to weekly until the excursion is recovered. A follow-up report describing the excursion event, corrective actions, and the results of corrective action will be submitted after 60 days. If the excursion has not been corrected within 60 days further reporting will be submitted in accordance with License Condition 11.1(A).

Please contact me at the Casper office if you have any questions regarding this submittal.

Regards,



Michael D. Gaither
Manager EHS and Regulatory Affairs
Ur-Energy USA, Inc.

Attachments: Figure as stated

Cc: Deputy Director, Decommissioning and Uranium Recovery Licensing Directorate
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U.S. Nuclear Regulatory Commission
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John Saxton, NRC Project Manager (via email)
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Header House 1-6 Patterns and Wells

This map displays the Header House 1-6 Patterns and Wells. It includes a legend, a scale bar, and a north arrow. The legend identifies the following symbols:

- Header House Boundary (thick red line)
- Header House Location (thick red line)
- Pattern Boundary (thin red line)
- Injection Well (black circle)
- Production Well (black triangle)
- Interior Monitor Well (black dot)

The map shows a complex network of well patterns and boundaries. Key wells include:

- Injection Wells: I1040, I1168A, I1168, I1166, I1167, I1165, I1163, I1160, I1158, I1155, I1152, I1147A, I1146A, I1145A, I1144A, I1143, I1142A, I1141A, I1140, I1137, I1136, I1135, I1134, I1133, I1132, I1131, I1130, I1129, I1128, I1127, I1126, I1125, I1124, I1123, I1122, I1121, I1120, I1119, I1118, I1117, I1116, I1115, I1114, I1113, I1112, I1111, I1110, I1109, I1108, I1107, I1106, I1105, I1104, I1103, I1102, I1101, I1100, I1099, I1098, I1097, I1096, I1095, I1094, I1093, I1092, I1091, I1090, I1089, I1088, I1087, I1086, I1085, I1084, I1083, I1082, I1081, I1080, I1079, I1078, I1077, I1076, I1075, I1074, I1073, I1072, I1071, I1070, I1069, I1068, I1067, I1066, I1065, I1064, I1063, I1062, I1061, I1060, I1059, I1058, I1057, I1056, I1055, I1054, I1053, I1052, I1051, I1050, I1049, I1048, I1047, I1046, I1045, I1044, I1043, I1042, I1041, I1040.
- Production Wells: P091, P092, P090, P089, P088, P087, P086, P085, P084, P083, P082, P081, P080, P079, P078, P077, P076, P075, P074, P073, P072, P071, P070, P069, P068, P067, P066, P065, P064, P063, P062, P061, P060, P059, P058, P057, P056, P055, P054, P053, P052, P051, P050, P049, P048, P047, P046, P045, P044, P043, P042, P041, P040, P039, P038, P037, P036, P035, P034, P033, P032, P031, P030, P029, P028, P027, P026, P025, P024, P023, P022, P021, P020, P019, P018, P017, P016, P015, P014, P013, P012, P011, P010, P009, P008, P007, P006, P005, P004, P003, P002, P001.
- Interior Monitor Wells: MU-109, MO-109, MP-109.

The map also shows a scale bar (0 to 75.00 feet) and a north arrow.

