Appendix G

Response to Comments

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ndep
NEVADA DIVISION OF ENVIRONMENTAL PROTECTION
protecting the future for generations

STATE OF NEVADA
Department of Conservation & Natural Resources
DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor
Allen Biaggi, Director
Leo M. Drozdoff, P.E., Administrator

December 9, 2009

Mr. Mark Kautsky
Site Manager
U. S. Department of Energy
Office of Legacy Management
2597 B ¾ Road
Grand Junction, CO 81503

RE: Well Completion Report for Corrective Action Unit 443, Central Nevada Test Area, Nye County, Nevada, December 2009
Federal Facility Agreement and Consent Order

Dear Mr. Kautsky:

The Nevada Division of Environmental Protection, Bureau of Federal Facilities (NDEP) has reviewed the U. S. Department of Energy, Office of Legacy Management's Draft Well Completion Report for Corrective Action Unit 443, Central Nevada Test Area (CNTA), Nye County, Nevada, December 2009 (document) received on December 2, 2009. The NDEP found this document to be very comprehensive. While this letter serves as the Notice of Completion for the milestone of the CNTA Draft Well Completion Report, pursuant to Subpart XXV.1 of the FFACO, the NDEP has the following comments on the document which should be addressed in the Final version of the document:

1. Page 2-1, Section 2.0, First Paragraph – The fifth sentence of the second paragraph on Page v ("However, given the process of prompt injection and convective mixing in the nuclear chimney, migration into the alluvial aquifer cannot be ruled out.") should be inserted into this paragraph between the fourth and fifth sentences in order to have this paragraph be complete.

2. Page 4-9, Section 4.5, Second paragraph, second through fifth sentences – "Pump development" should be changed to well development.

3. Page 5-9, Figure 5-4 – The label of "pump development" in the figure should be changed to well development.

4. Page 5-10, Section 5.5, last paragraph, second, fourth and fifth sentences – "Pump development" should be changed to well development.

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5. Page 6-5, Section 6.4, second paragraph, second, fourth and fifth sentences – "Pump development" should be changed to well development.

6. Page 7-1, Section 7.0, first paragraph, second sentence – One of the "Figure 1-2" should be removed from the parenthesis at the end of this sentence.

7. Appendix B, Table B-3; Appendix C, Table C-3; Appendix D, Table D-3; and, Appendix E, Table E-3 – Please add the detection limit for Tritium to these tables. The limit can be placed in a footnote for each table.

8. Appendix D, Table D-1 – Please change "pump development" in the last two lines of this table to well development.

9. Appendix E, Tables E-1, E-2 and E-3 – Please correct the Table Names to "… HTH-1RC…"

10. Appendix F, Tables F-1, F-2 and F-3 – Please add the detection limit for Tritium to these tables. The limit can be placed in a footnote for each table.

If you have any questions on the comments above, please contact Chris Andres at 702-486-2850, ext. 232.

Sincerely,

T. H. Murphy
Chief
Bureau of Federal Facilities

CDA/EAJ/MM:*cda*

cc: FFACO Group, NNES, Las Vegas, NV
E. F. DiSanza, WMP, NNSA/NSO, Las Vegas, NV
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U.S. Department of Energy Office of Legacy Management

Record of Review

Due Date	Review No.	Project	Type of Review
	1	Offsites – Legacy Management	Technical

Document Title and\or Number and Revision
Well Completion Report for Corrective Action Unit 443 Central Nevada Test Area Nye County, Nevada

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Reviewers' Recommendation

- ☐ Release Without Comment
- ☐ Consider Comments
- ☐ Resolve Comments and Reroute for Review

_____
Signature of Reviewer and Date

- ☐ Comments Have Been Addressed

_____
Signature of Author and Date

- ☐ Comment Resolution Satisfactory
- ☐ Comment Resolution Unsatisfactory

_____
Signature of Reviewer and Date

Item No.	Reviewer's Comments and Recommendation	Reqd. (Y/N)	Item No.	Author's Response (if required)
1	Page 2-1, Section 2.0, First Paragraph – The fifth sentence of the second paragraph on Page v ("However, given the process of prompt injection and convective mixing in the nuclear chimney, migration into the alluvial aquifer cannot be ruled out.") should be inserted into this paragraph between the fourth and fifth sentences in order to have this paragraph be complete.		1	The sentence was added as requested.
2	Page 4-9, Section 4.5, Second paragraph, second through fifth sentences – "Pump development" should be changed to well development.		2	The change was made as requested.
3	Page 5-9, Figure 5-4 – The label of "pump development" in the figure should be changed to well development.		3	The change was made as requested.
4	Page 5–10, Section 5.5, last paragraph, second, fourth and fifth sentences – "Pump development" should be changed to well development.		4	The change was made as requested.

U.S. Department of Energy Office of Legacy Management

Record of Review (continuation)

Review No.	Project

Item No.	Reviewer's Comments and Recommendation	Reqd. (Y/N)	Item No.	Author's Response (if required)
5	Page 6–5, Section 6.4, second paragraph, second, fourth and fifth sentences – "Pump development" should be changed to well development.		5	The change was made as requested.
6	Page 7-1, Section 7.0, first paragraph, second sentence – One of the "Figure 1-2" should be removed from the parenthesis at the end of this sentence.		6	The additional Figure reference was removed as requested.
7	Appendix B, Table B-3; Appendix C, Table C-3; Appendix D, Table D-3; and, Appendix E, Table E-3 – Please add the detection limit for Tritium to these tables. The limit can be placed in a footnote for each table.		7	The minimum detectable activity and minimum detectable concentration were added to the Tables as requested.
8	Appendix D, Table D-1 – Please change "pump development" in the last two lines of this table to well development.		8	The change was made as requested.
9	Appendix E, Tables E-1, E-2, and E-3 – Please correct the Table Names to "….HTH-1RC…"		9	The Table names were changed as requested.
10	Appendix F, Tables F-1, F-2, and F-3 – Please add the detection limit for Tritium to these tables. The limit can be placed in a footnote for each table.		10	The minimum detectable activity and minimum detectable concentration were added to the Tables as requested.