

**Cross Reference Checklist NUREG-1748  
to  
Licensee Submittals**

<b>NUREG-1748</b>	
<b>Regulatory Guide Section</b>	<b>Location of Information in Licensee Submittal and Exhibit Number</b>
<b>1.0 Proposed Activities</b>	
1.0 Proposed Activities	License Application, CDPHE Form OR-RH 12 Basic Engineering Report Selected Drawings <b>A1</b> Geotechnical Design Recommendations Mill and Infrastructure <b>A2</b> Roadway Pavement Design Recommendations <b>A3</b> Site Drainage Analysis and Design Report <b>A4</b> Ore Stockpile Pad Design Report <b>A5</b> Tailings Cell Design Report <b>A6</b> Evaporation Pond Design Report <b>A7</b> Technical Specifications <b>A8</b> Construction Plan <b>B1</b> Facility Operating Plan <b>B2</b> Mine Operations Plan <b>B3</b> Socio-Economic Baseline and Impact Analysis <b>C1</b> Water Rights and Well Permits <b>L1</b> Water and Wastewater Plan <b>L2</b> Stormwater Management Plan <b>L4</b> CDOT Access Permit and Traffic Study <b>L5</b> CDOT Access Design and Notice to Proceed <b>L6</b> Special Use Permit Application <b>L7</b> Air Pollution Emission Notice for Permit to Construct <b>L8</b> Security Plan <b>M1</b> Piñon Ridge Project Environmental Report, <b>Section 2.2</b>
<b>2.0 The Site Affected Environment</b>	
2.1 Site Location and Layout	Basic Engineering Report Selected Drawings <b>A1</b> Roadway Pavement Design Recommendations <b>A3</b> Site Drainage Analysis and Design Report <b>A4</b> Ore Stockpile Pad Design Report <b>A5</b> Tailings Cell Design Report <b>A6</b> Evaporation Pond Design Report <b>A7</b> Facility Operating Plan <b>B2</b> Water and Wastewater Plan <b>L2</b> CDOT Access Permit and Traffic Study <b>L5</b> CDOT Access Design and Notice to Proceed <b>L6</b> Security Plan <b>M1</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.1, 2.2.2, 2.2.3 and 3.1.1</b>
2.2 Uses of Adjacent Lands and Waters (table of nearest users)	Hydrogeologic Report <b>F1</b> Water and Wastewater Plan <b>L2</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2, 3.1, 3.5.1.4 and 3.4</b>
2.3 Population Density	Socio-Economic Baseline and Impact Analysis <b>C1</b> Piñon Ridge Project Environmental Report, <b>Section 3.10</b>

<b>NUREG-1748</b>	
<b>Regulatory Guide Section</b>	<b>Location of Information in Licensee Submittal and Exhibit Number</b>
2.4 Regional, Historic, Archeological, Architectural, Scenic, Cultural, and Natural Landmarks	Class III Cultural Resource Inventory and Evaluation Testing Results for Piñon Mill Development Project <b>M2</b> Archaeological Treatment of Sites 5MN8269 and 5MN8270 <b>M3</b> Class III Cultural Resource Inventory for Cooper Property <b>M4</b> Piñon Ridge Project Environmental Report, <b>Section 3.8</b>
2.5 Geology and Soils	Geotechnical Design Recommendations Mill and Infrastructure <b>A2</b> Soil Survey <b>D1</b> Geologic Report <b>E1</b> Phase 2-Geotechnical Field and Laboratory Test Program <b>E2</b> Piñon Ridge Project Environmental Report, <b>Sections 3.1.2.2 and 3.3</b>
2.6 Seismology	Geotechnical Design Recommendations Mill and Infrastructure <b>A2</b> Tailings Cell Design Report <b>A6</b> Evaporation Pond Design Report <b>A7</b> Technical Specifications <b>A8</b> Geologic Report <b>E1</b> Piñon Ridge Project Environmental Report, <b>Sections 3.3.1.3 and 3.4.3</b>
2.7 Hydrology (Water Resources)	
2.7.1 Groundwater	Geologic Report <b>E1</b> Hydrogeologic Report <b>F1</b> Phase 3 Long-Term Pumping Test Data Report <b>F2</b> Water Supply Evaluation <b>F3</b> Groundwater Monitoring Summary Report <b>F4</b> Water & Wastewater Systems <b>L2</b> Piñon Ridge Project Environmental Report, <b>Section 3.4.2 and 3.4.3</b>
2.7.2 Surface Water	Site Drainage Analysis and Design Report <b>A4</b> Baseline Surface Hydrology Modeling Report <b>G1</b> Surface Water Monitoring – Summary Report <b>G2</b> Water Supply Evaluation <b>F3</b> Preliminary Wetland Delineation and Jurisdictional Determination <b>L3</b> Stormwater Management Plan <b>L4</b> Piñon Ridge Project Environmental Report, <b>Sections 3.4.1 and 3.4.3</b>
2.8 Meteorology, Climatology, and Air Quality	Meteorology, Air Quality and Climatology Report <b>H1</b> Second Quarter 2009 Data Report for Ambient Air Monitoring <b>H2</b> Piñon Ridge Project Environmental Report, <b>Section 3.6</b>
2.9 Ecology	Soil Survey <b>D1</b> Vegetation Survey <b>D2</b> Wildlife Survey <b>D3</b> Biological Survey Report <b>D4</b> Ecological Screening of Raffinate Water <b>D5</b> Piñon Ridge Project Environmental Report, <b>Section 3.5</b>
2.10 Background Radiological Characteristics	Groundwater Monitoring Summary Report <b>F4</b> Surface Water Monitoring – Summary Report <b>G2</b> Meteorology, Air Quality and Climatology Report <b>H1</b> Second Quarter 2009 Data Report for Ambient Air Monitoring <b>H2</b> Baseline Radiological Investigation Report <b>I1</b> Baseline Survey of Radionuclides in Animal Tissues <b>I2</b> Piñon Ridge Project Environmental Report, <b>Sections 3.3, 3.4, 3.5, 3.6, and 3.11</b>

<b>NUREG-1748</b>	
<b>Regulatory Guide Section</b>	<b>Location of Information in Licensee Submittal and Exhibit Number</b>
2.11 Background Nonradiological Characteristics	Soil Survey <b>D1</b> Vegetation Survey <b>D2</b> Wildlife Survey <b>D3</b> Biological Survey Report <b>D4</b> Geologic Report <b>E1</b> Phase 2-Geotechnical Field and Laboratory Test Program <b>E2</b> Hydrogeologic Report <b>F1</b> Phase 3 Long-Term Pumping Test Data Report <b>F2</b> Water Supply Evaluation <b>F3</b> Groundwater Monitoring Summary Report <b>F4</b> Baseline Surface Hydrology Modeling Report <b>G1</b> Surface Water Monitoring – Summary Report <b>G2</b> Meteorology, Air Quality and Climatology Report <b>H1</b> Second Quarter 2009 Data Report for Ambient Air Monitoring <b>H2</b> Work Plan for Ambient Air Monitoring <b>H3</b> Piñon Ridge Project Environmental Report, <b>Sections 3.3, 3.4 and 3.5</b>
2.12 Other Environmental Features	Preliminary Wetland Delineation and Jurisdictional Determination <b>L3</b> Piñon Ridge Project Environmental Report, <b>Sections 3.6, 3.7, 3.8 and 3.9</b>
<b>3.0 Mill</b>	
3.1 Site Area	License Application, CDPHE Form OR-RH 12 Basic Engineering Report Selected Drawings <b>A1</b> Roadway Pavement Design Recommendations <b>A3</b> Site Drainage Analysis and Design Report <b>A4</b> Ore Stockpile Pad Design Report <b>A5</b> Tailings Cell Design Report <b>A6</b> Evaporation Pond Design Report <b>A7</b> Facility Operating Plan <b>B2</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.1, 2.2.2, 2.2.3 and 3.1</b>
3.2 External Appearance of Mill	Basic Engineering Report Selected Drawings <b>A1</b> Facility Operating Plan <b>B2</b> Evaporation Pond Design Report <b>A7</b> Piñon Ridge Project Environmental Report, <b>Section 3.9</b>
3.3 Mill Circuit	Basic Engineering Report Selected Drawings <b>A1</b> Facility Operating Plan <b>B2</b> Piñon Ridge Project Environmental Report, <b>Section 2.2.3</b>
3.4 Sources of Mill Wastes	Basic Engineering Report Selected Drawings <b>A1</b> Facility Operating Plan <b>B2</b> Material Containment Plan <b>J7</b> Decommissioning Plan <b>K1</b> Water and Wastewater Plan <b>L2</b> Piñon Ridge Project Environmental Report, <b>Section 2.2.3</b>
3.5 Controls of Mill Wastes and Effluents	Ore Stockpile Pad Design Report <b>A5</b> Tailings Cell Design Report <b>A6</b> Evaporation Pond Design Report <b>A7</b> Facility Operating Plan <b>B2</b> Material Containment Plan <b>J7</b> Decommissioning Plan <b>K1</b> Tailing Cell Closure Design Report <b>K2</b> Specifications for Closure and Reclamation of Mill Facilities <b>K3</b> Piñon Ridge Project Environmental Report, <b>Section 2.2.3</b>

<b>NUREG-1748</b>	
<b>Regulatory Guide Section</b>	<b>Location of Information in Licensee Submittal and Exhibit Number</b>
3.6 Sanitary and Other Mill Waste Systems	Water and Wastewater Plan <b>L2</b> Stormwater Management Plan <b>L4</b> Piñon Ridge Project Environmental Report, <b>Section 2.2.3</b>
3.7 Mining Activities	Mine Operations Plan <b>B3</b> Piñon Ridge Project Environmental Report, <b>Section 3.1.2</b>
<b>4.0 Environmental Effects of Site Preparation, Mill Construction, and Mine Operation</b>	
4.1 Site Preparation and Construction	Construction Plan <b>B1</b> Piñon Ridge Project Environmental Report, <b>Sections 4.1.1.2, 4.3.1.1 and 5</b>
4.2 Resources Committed	Socio-Economic Baseline and Impact Analysis <b>C1</b> Piñon Ridge Project Environmental Report, <b>Sections 3.10, 4.1.1.2, 4.10 and 5</b>
<b>5.0 Environmental Effects of Mill Operations</b>	
5.1 Radiological Impact on Biota Other than Humans	
5.1.1 Exposure Pathways	Estimates of Radiation Doses to Members of the Public <b>J2</b> Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.5 and 5</b>
5.1.2 Effluents in the Environment	Estimates of Radiation Doses to Members of the Public <b>J2</b> Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Air Pollution Emission Notice for Permit to Construct <b>L8</b> Piñon Ridge Project Environmental Report, <b>Sections 4.6 and 5</b>
5.2 Radiological Impact on Humans	
5.2.1 Exposure Pathways	Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.11 and 5</b>
5.2.2 Liquid Effluents	Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.4 and 5</b>
5.2.3 Airborne Effluents	Estimates of Radiation Doses to Members of the Public <b>J2</b> Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.6 and 5</b>
5.2.4 Direct Radiation	Estimates of Radiation Doses to Members of the Public <b>J2</b> Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.11 and 5</b>
5.2.5 Summary of Annual Radiation Doses	Estimates of Radiation Doses to Members of the Public <b>J2</b> Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.11 and 5</b>
5.3 Chemical Impacts on Humans	Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.11 and 5</b>
5.4 Effects of Sanitary and Other Waste Discharges	Piñon Ridge Project Environmental Report, <b>Sections 4.11 and 5</b>
5.5 Other Effects	Piñon Ridge Project Environmental Report, <b>Sections 4 and 5</b>
5.6 Resources Committed	Socio-Economic Baseline and Impact Analysis <b>C1</b> Piñon Ridge Project Environmental Report, <b>Sections 3.10 and 4.10</b>

<b>NUREG-1748</b>	
<b>Regulatory Guide Section</b>	<b>Location of Information in Licensee Submittal and Exhibit Number</b>
<b>6.0 Effluent and Environmental Measurements and Monitoring Programs</b>	
6.1 Preoperational Environmental Program	
6.1.1 Surface Water	Baseline Surface Hydrology Modeling Report <b>G1</b> Surface Water Monitoring – Summary Report <b>G2</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9 and 4.4.3</b>
6.1.2 Groundwater	Hydrogeologic Report <b>F1</b> Phase 3 Long-Term Pumping Test Data Report <b>F2</b> Groundwater Monitoring Summary Report <b>F4</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9 and 4.4.3</b>
6.1.3 Air	Meteorology, Air Quality and Climatology Report <b>H1</b> Second Quarter 2009 Data Report for Ambient Air Monitoring <b>H2</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9 and 4.6</b>
6.1.4 Land	Soil Survey <b>D1</b> Vegetation Survey <b>D2</b> Wildlife Survey <b>D3</b> Biological Survey Report <b>D4</b> Geologic Report <b>E1</b> Phase 2-Geotechnical Field and Laboratory Test Program <b>E2</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9, 4.1.3 and 4.3.3</b>
6.1.5 Radiological Survey	Meteorology, Air Quality and Climatology Report <b>H1</b> Second Quarter 2009 Data Report for Ambient Air Monitoring <b>H2</b> Baseline Radiological Investigation Report <b>I1</b> Baseline Survey of Radionuclides in Animal Tissues at the Proposed Pinion Ridge Mill Site <b>I2</b> Surface Water Monitoring – Summary Report <b>G2</b> Groundwater Monitoring Summary Report <b>F4</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9 and 4.11</b>
6.2 Proposed Operational Monitoring Programs	
6.2.1 Radiological Monitoring	Mill Health and Safety Plan <b>J1</b> Operational Monitoring Plan <b>J6</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9, 4.3.3, 4.4.3, 4.5.3, 4.6.3 and 4.11</b>
6.2.2 Chemical Effluent Monitoring	Mill Health and Safety Plan <b>J1</b> Operational Monitoring Plan <b>J6</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9, 4.3.3 and 4.4.3</b>
6.2.3 Ecological Monitoring	Operational Monitoring Plan <b>J6</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9 and 4.4.3</b>
6.3 Related Environmental Measurement and Monitoring Programs	Operational Monitoring Plan <b>J6</b> Piñon Ridge Project Environmental Report, <b>Sections 2.2.9, 4.7.3, 4.8.3 and 4.9.3</b>
<b>7.0 Environmental Effects of Accidents</b>	
7.1 Mill Accidents Involving Radioactivity	Accident and Risk Assessment Report <b>J4</b> Emergency Response Plan <b>J5</b> Material Containment Plan <b>J7</b> Piñon Ridge Project Environmental Report, <b>Sections 4.11 and 5</b>
7.2 Transportation Accidents	Radiological Exposure Pathways Report <b>J3</b> Accident and Risk Assessment Report <b>J4</b> Piñon Ridge Project Environmental Report, <b>Sections 4.2 and 5</b>
7.3 Other Accidents	Accident and Risk Assessment Report <b>J4</b>

<b>NUREG-1748</b>	
<b>Regulatory Guide Section</b>	<b>Location of Information in Licensee Submittal and Exhibit Number</b>
<b>8.0 Economic and Social Effects of Mill Construction and Operation</b>	
8.1 Benefits	Socio-Economic Baseline and Impact Analysis <b>C1</b> Piñon Ridge Project Environmental Report, <b>Sections 4.10, 5 and 7</b>
8.2 Costs	Socio-Economic Baseline and Impact Analysis <b>C1</b> Piñon Ridge Project Environmental Report, <b>Sections 4.10, 5 and 7</b>
<b>9.0 Decommissioning and Reclamation</b>	
9.0 Decommissioning and Reclamation	Decommissioning Plan <b>K1</b> Tailing Cell Closure Design Report <b>K2</b> Specifications for Closure and Reclamation of Mill Facilities <b>K3</b> Piñon Ridge Mill Decommissioning and Reclamation Cost Estimate <b>K4</b> Piñon Ridge Project Environmental Report, <b>Section 2.2.7</b>
<b>10.0 Alternatives to the Proposed Action</b>	
10.0 Alternatives to the Proposed Action	Piñon Ridge Project Environmental Report, <b>Sections 2.1 and 2.3</b>
<b>11.0 Benefit-Cost Analysis</b>	
11.0 Benefit-Cost Analysis	Piñon Ridge Project Environmental Report, <b>Section 7</b>
<b>12.0 Environmental Approvals and Consultations</b>	
12.0 Environmental Approvals and Consultations	Water Rights and Well Permits <b>L1</b> Preliminary Wetland Delineation and Jurisdictional Determination <b>L3</b> Stormwater Management Plan <b>L4</b> CDOT Access Permit and Traffic Study <b>L5</b> CDOT Access Design and Notice to Proceed <b>L6</b> Special Use Permit Application <b>L7</b> Air Pollution Emission Notice for Permit to Construct <b>L8</b> Piñon Ridge Project Environmental Report, <b>Section 3</b>
<b>13.0 References</b>	
13.0 References	List of Exhibits Piñon Ridge Project Environmental Report, <b>Sections 8 and 9</b>