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| <u><b>U.S. DEPARTMENT OF COMMERCE</b></u><br><b>Bureau of Industry and Security</b><br><u><b>U.S. NUCLEAR REGULATORY COMMISSION</b></u><br><b>Office of Nuclear Material Safety and Safeguards</b> |   | <b>Date Received</b><br>(Leave Blank) |
| <b>ADDITIONAL PROTOCOL REPORT</b>  |   |                                       |
| <b>FORM AP-7: CONCENTRATION PLANT OPERATIONS</b>   |   |                                       |
| <b>Submit a separate form for each concentration plant.</b>  |   |                                       |
| <b>7.1</b>   | Reporting Code (once assigned):   |                                       |
| <b>7.2</b>   | Activity Reporting Status:<br><input type="checkbox"/> New activity<br><input type="checkbox"/> Activity with no changes<br><input type="checkbox"/> Activity with changes<br><input type="checkbox"/> Ceased activity (Closed-down)                              |                                       |
| <b>7.3</b>   | Identify building name(s)/numbers(s) and any additional information that may more precisely define where the reported activity occurs (e.g. room numbers) :   |                                       |
| <b>7.4</b>   | <b>Concentration Plant Type:</b><br><br><input type="checkbox"/> Conventional Mill<br><br><input type="checkbox"/> Phosphate by-product plant<br><br><input type="checkbox"/> In-situ Leach Mine<br><br><input type="checkbox"/> Other Concentration Plant: _____ |                                       |
| <b>7.5</b>   | <b>Operational Status:</b><br><br><input type="checkbox"/> Operating<br><br><input type="checkbox"/> Closed-down<br><br><input type="checkbox"/> Decommissioned   |                                       |
| <b>7.6</b>   | Annual Elemental Uranium Production Capacity (in metric tons):  |                                       |
|  | Actual Annual Production (in metric tons):  |                                       |
| <b>7.7</b>   | Annual Elemental Thorium Production Capacity (in metric tons):  |                                       |
|  | Actual Annual Production (in metric tons):  |                                       |
| <b>7.8</b>   | <input type="checkbox"/> Check this box if a Continuation Form (Form AP-16) has been used to provide additional information for any of the above questions.   |                                       |

## FORM AP-7: Concentration Plant Operations

Reporting requirements are set forth in 10 CFR Parts 75 and 110 of the U.S. Nuclear Regulatory Commission (NRC) Regulations.

### **INSTRUCTIONS:**

Submit a separate Form AP-7 for each in-situ leach mine and concentration plant at your location where uranium and/or thorium is processed or produced. A concentration plant is where uranium and/or thorium are chemically concentrated from ore or by-product materials into a form for further processing.

**Question 7.1 Reporting Code:** A unique reporting code will be assigned and reported to each location by BIS once an Initial Report has been submitted. The Reporting Code must appear on all future forms pertaining to the location after it is assigned.

**Question 7.2 Activity Reporting Status:** Indicate the current reporting status by checking the appropriate box (i.e., “New Activity” to report an activity for the first time, “Activity with changes” or “Activity with no changes” if a report for this activity was previously submitted, or “Ceased activity” for an activity that ended during the reporting year and will not be reported in future years). If the information previously reported for this specific activity has not changed, you are not required to complete the rest of this form, instead check the “Activity with no changes” box and submit along with Forms AP-1, AP-2 and any other required activity forms.

**Question 7.3 Building information:**

Identify building name(s)/number(s) and any additional information that may more precisely define where the reported activity occurs (e.g. room numbers). If many rooms are used, you may describe areas within the building (e.g. 1st floor of the north wing). Satellite extraction facilities should be reported separately from centralized

processing facilities.

**Question 7.4 Concentration Plant Type:** For each concentration plant where elemental uranium or thorium is chemically processed or produced, check the appropriate box to indicate whether it is a conventional mill, a phosphate or other by-product plant, or an in-situ leach mine. If none of these options is applicable for your concentration plant, select the box labeled “Other Concentration Plant,” and identify your concentration plant type in the space provided.

**Question 7.5 Operational Status:** Check the appropriate box to indicate the current operational status of the concentration plant: “Operating” for plant producing ore in any quantity, “Closed-down” for plant not operating but not fully decommissioned, and “Decommissioned”.

Note: “Decommissioned” plant is reported only once.

**Questions 7.6 and 7.7 Production Capacity:** Provide the design-basis annual production capacity of elemental uranium and/or thorium at the concentration plant in metric tons, rounded to the nearest ten if the amount is ten metric tons or more (e.g., 27 to 30, 142 to 140, 1525 to 1500, 15782 to 16000, etc.). If the amount is less than 10 metric tons report that exact number (e.g., 2, 5, 9, etc.). Also provide the actual annual production during the reporting period, rounded to the nearest ten percent. Closed-down plants have a production capacity and annual production quantity of zero.

**Question 7.8 Continuation Form:** Check this box if a Continuation Form, Form AP-16, has been used to provide additional information for any of the above questions.