

<b><u>U.S. DEPARTMENT OF COMMERCE</u></b> <b>Bureau of Industry and Security</b> <b><u>U.S. NUCLEAR REGULATORY COMMISSION</u></b> <b>Office of Nuclear Material Safety and Safeguards</b>		<b>Date Received</b> (Leave Blank)	
<b>ADDITIONAL PROTOCOL REPORT</b>			
<b>FORM AP-5: NUCLEAR-RELATED MANUFACTURING, ASSEMBLY OR CONSTRUCTION ACTIVITIES</b>			
<b>Submit a separate form for each nuclear-related manufacturing, assembly or construction activity at your location.</b>			
5.1	Reporting Code (once assigned):		
5.2	Activity Code (select the proper code from the chart below):		
	<b>Activity Code</b>	<b>Nuclear-Related Manufacturing and Assembly Activities</b>	
	1	Manufacture of certain <b>centrifuge rotor tubes</b> or the assembly of <b>gas centrifuges</b>	
	2	Manufacture of certain <b>diffusion barriers</b>	
	3	Manufacture or assembly of certain <b>laser-based systems</b>	
	4	Manufacture or assembly of certain <b>electromagnetic isotope separators</b>	
	5	Manufacture or assembly of certain <b>columns or extraction equipment</b>	
	6	Manufacture of certain <b>aerodynamic separation nozzles or vortex tubes</b>	
	7	Manufacture or assembly of certain <b>uranium plasma generation systems</b>	
	8	Manufacture of certain <b>zirconium tubes</b>	
	9	Manufacture or upgrading of <b>heavy water</b> or <b>upgrading of deuterium</b>	
	10	Manufacture of <b>nuclear grade graphite</b>	
	11	Manufacture of <b>flasks (e.g., transport or storage containers) for irradiated fuel</b>	
	12	Manufacture of <b>reactor control rods</b>	
	13	Manufacture of certain <b>critically safe tanks and vessels</b>	
	14	Manufacture of <b>irradiated fuel element chopping machines</b>	
	15	Construction of certain types of <b>hot cells</b>	
5.3	Activity Reporting Status: New activity Activity with no changes Activity with changes Ceased activity		
5.4	Identify building name(s)/numbers(s) and any additional information that may more precisely define where the reported activity occurs (e.g. room numbers):		
5.5	Approximate annual production for the past calendar year:	Items	Kg
5.6	Check this box if the activity occurs within a location subject to an NRC or NRC Agreement State license or is otherwise subject to inspection under NRC Regulations (10 CFR).		
5.7	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-5: Nuclear-Related Manufacturing, Assembly or Construction Activities**

Reporting requirements are set forth in 15 CFR Part 783 of the U.S. Department of Commerce (DOC) Regulations and 10 CFR Parts 75 and 110 of the U.S. Nuclear Regulatory Commission (NRC) Regulations.

### **INSTRUCTIONS:**

Submit a separate Form AP-5 for each nuclear-related manufacturing, assembly or construction activity that occurs at this location. These activities are listed and further defined in the Supplement 2 of the Additional Protocol Handbook.

**Question 5.1 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 5.2 Activity Code:** Review the 15 activities listed in the chart, and enter the proper code for your activity. These activities are further defined in Supplement 2 of the Reporting Handbook.

**Question 5.3 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 5.4 Place Where Activity Occurs:** 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).

**Questions 5.5 List of Manufacturing, Assembly or Construction Activities and Codes:** Provide the approximate annual production of the manufacturing/ assembly/ construction process associated with the Activity Code you entered for Question 5.2 in either units (e.g., items) or weight (i.e., kilograms), whichever is more meaningful, rounded to the nearest ten if the amount is 10 or more items or kilograms (e.g., 27 to 30, 148 to 150, 1525 to 1500, 15782 to 16000, etc.). If the amount is less than 10 items or kilograms report that exact number (e.g., 2, 4, 9, etc.). Check the appropriate box to indicate items or weight as the unit of measure for the production number being reported. If several manufacturing, assembly or construction activities are conducted at this address, submit a separate Form AP-5 for each activity.

**Question 5.6 NRC License:** Check the box if this activity occurs within a location subject to a NRC or an NRC Agreement State license or is otherwise subject to inspection under NRC regulations (10CFR).

**Question 5.7 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.