



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0073/S, REVISION 7**

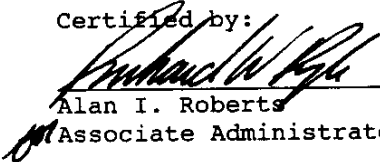
400 Seventh Street, S.W.
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - General Electric Bulk Co-60 container.
2. Source Description - The source is constructed of Type 304 stainless steel with a tungsten inert gas welded closure, and has dimensions of 29.8 mm (1.2") diameter by 76.2 mm (3.0") in length. The source is manufactured in accordance with General Electric Company drawing number 153C4283 (attached).
3. Radioactive Contents - The source consist of not more than 740 TBq of cobalt-60 in the form of metal pellets or wafers.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires July 31, 2002.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated July 22, 1997 submitted by General Electric, Pleasanton, CA, and in consideration of other information on file in this Office.

Certified by:


Alan I. Roberts

Associate Administrator for Hazardous Materials Safety

SEP 23 1997

(DATE)

Revision 7 - Issued to extend the expiration date.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990" , published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

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153C4283

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:

APPROXIMATE WEIGHTS: 125

209A4270

GENERAL ELECTRIC

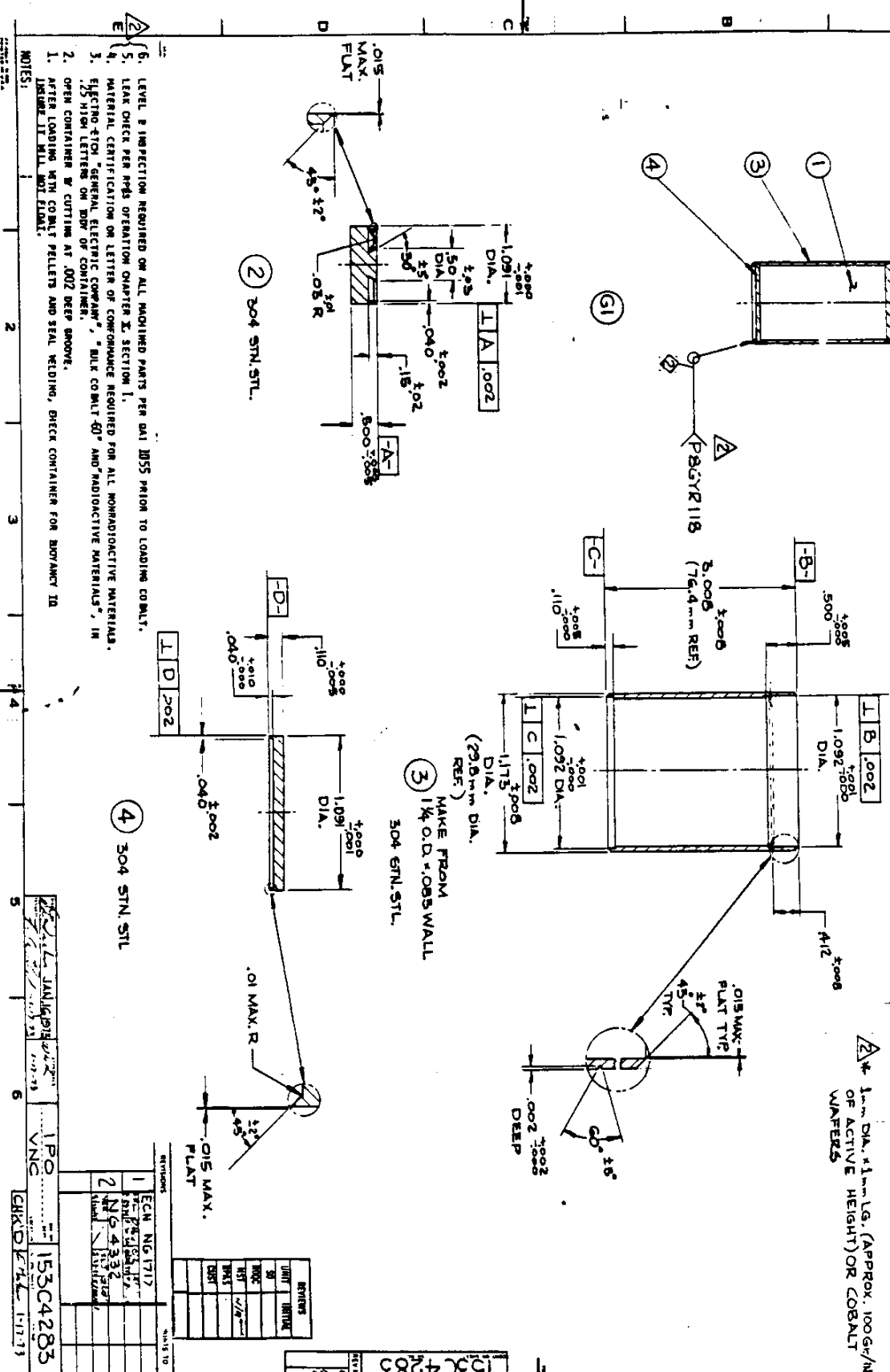
BULK COBALT 60 CONTAINER

153C4283

SEE DETAIL

QTY	NAME	DESCRIPTION
1	COBALT	SEE BELOW
1	END CAP	SEE BELOW
1	TUBE	SEE BELOW
4	END CAP	SEE BELOW

1mm DIA. x 1mm LG. (APPROX. 100G/M. OF ACTIVE HEIGHT) OR COBALT WAFERS



NOTES:

1. LEVEL B INSPECTION REQUIRED ON ALL MACHINED PARTS PER DAT 1855 PRIOR TO LOADING COBALT.

2. LEAK CHECK PER P&S OPERATION CHAPTER II, SECTION 1.

3. MATERIAL CERTIFICATION ON LETTER OF PERFORMANCE REQUIRED FOR ALL NONRADIOACTIVE MATERIALS.

4. ELECTRIC COMPANY "GENERAL ELECTRIC COMPANY", "BULK COBALT 60" AND "RADIOACTIVE MATERIALS", IN .25 HIGH LETTERS ON BODY OF CONTAINER.

5. AFTER LOADING WITH COBALT PELLETS AND SEAL WELDING, CHECK CONTAINER FOR BURNANCY TO INSURE IT WILL NOT FLAMM.

APPROVED: [Signature]

DATE: 1-17-73

153C4283