

RETURN TO 396-SS

24 February 1986

Refer to: SEN-JFV-513
S2002.6

Mr. Charles E. MacDonald, Chief
Transportation Certification Branch
Mail Stop 396-SS
Washington, D.C. 20555

Subject: Revision 1 (February 1986) of Application for Certificate of Compliance, Sentinel 5S RTG Package; Docket No. 71-9205.

Dear Mr. MacDonald:

Enclosed are ten copies of the change pages for Revision 1 of TES-3205, "Sentinel 5S Radiation, Structural, and Thermal Evaluation," February 1986. This revision provides the information identified in your letter FCTC:RHO, 71-9205 dated December 18, 1985, with enclosure, and is consistent with discussions between NRC and Teledyne Energy Systems held on 8 January 1986.

One major change has been incorporated into the package: that of the addition of a stainless steel outer container which encloses the original carbon steel shipping cask. The original cask has been redesignated the shipping cask inner container. The new outer container is a sealed unit and has provisions for lifting by crane, forklift and tie-down.

Also, the maximum curie inventory for shipment has been increased from 31,400 Ci to 32,900 Ci of Sr-90, approximately 5%.

The revised pages are in accordance with the revision instructions of Regulatory Guide 7.9, Rev. 1, January 1980. All modified text and figures have been marked | R1, 2/86. Instructions for modifying the original report are:

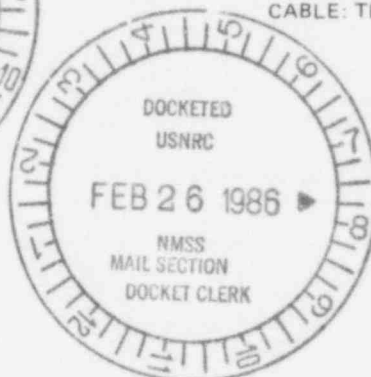
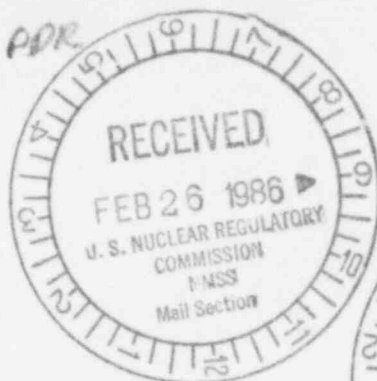
Remove

Title Page
Table of Contents ii, iii
Chapter 1 (all)
Chapter 2 (all)
Chapter 3, p. 3-1
p. 3-9, 3-10
p. 3-21
p. 3-32, 3-33, 3-34
Chapter 4, p. 4-2, 4-4, 4-5,
4-6, 4-10, 4-11
Chapter 5, p. 5-1, 5-2
Chapter 7, p. 7-1, 7-2, 7-3, 7-4
Chapter 8 (all)

Replace with

New Title Page
New Table of Contents ii, iii
New Chapter 1
New Chapter 2
New p. 3-1, 3-1a
New p. 3-9, 3-9a, 3-10
New 3-21
New 3-32, 3-33, 3-34, 3-34a
New p. 4-2, 4-4, 4-5, 4-6,
4-10, 4-11
New 5-1, 5-1a, 5-2
New 7-1, 7-2, 7-3, 7-4
New Chapter 8, pages 8-1 through
8-4.

71-9205
TELEDYNE
ENERGY SYSTEMS
110 W. TIMONIUM RD.
TIMONIUM, MD 21093-3163
PHONE: (301) 252-8220
TELEX: 8-7780 (TDYENER TIMO)
DDD: (301) 252-7926 (TDYENER TIMO)
CABLE: TELISES



FEE NOT REQUIRED

Additional information

8603200163 860224
PDR ADOCK 07109205
B PDR

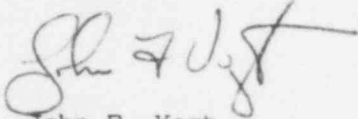
26509

Refer to: SEN-JFV-513
S2002.6

Page 2

We would like to have the Certificate issued by 18 April in order to meet our customer's current delivery schedule. If there are any questions, please call me at (301) 252-8220.

Sincerely,

A handwritten signature in dark ink, appearing to read "John F. Vogt". The signature is stylized with a large, sweeping "J" and a long horizontal stroke at the end.

John F. Vogt
Project Manager

dw

Enclosure: Revision pages for TES-3205 (10 copies)

DOCKET NO. 71-9205
CONTROL NO. 26509
DATE OF DOC. 02/24/86
DATE RCVD. 02/26/86
FCUF _____ PDR ✓
FCAF _____ LPDR _____
WM _____ I&E REF. ✓
WMUR _____ SAFEGUARDS _____
FCTC ✓ OTHER _____

DESCRIPTION:

enclosed are copies
of the change pages
for Revision 1

02/26/86 INITIAL CEC