

March 2, 2007

U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

Attn: Document Control Desk

Subject: Submittal of Proposed Certificate of Compliance (CoC) Changes and a Supplement to the November 17, 2006 Request for an Amendment of CoC No. 9225 for the NAC-LWT Cask

Docket No. 71-9225

- Reference:
1. Model No. NAC-LWT Package, Certificate of Compliance (CoC) No. 9225, Revision 43, U.S. Nuclear Regulatory Commission (NRC), December 15, 2006
 2. Safety Analysis Report (SAR) for the NAC Legal Weight Truck Cask, Revision 37, NAC International, June, 2005
 3. Submittal of a Request for an Amendment of Certificate of Compliance (CoC) No. 9225 for the NAC-LWT Cask to Incorporate Various Changes to the Authorized Contents and the Operating Procedures, NAC International, November 17, 2006

NAC International (NAC) herewith submits proposed revised wording for Revision 44 of Reference 1 and a supplement to Reference 3 consisting of clarification of the Criticality Safety Indexes listed in Chapter 1 and in Chapter 6 of Reference 2.

The proposed revised CoC wording to incorporate the changes requested in Reference 3 is described in Enclosure 2.

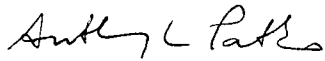
This submittal also includes eight copies of this transmittal letter and Revision LWT-07A changed pages for Reference 2 updated with the approved ANSTO amendment information. The affected pages incorporate the necessary clarification of the Criticality Safety Indexes. Consistent with NAC administrative practice, this proposed revision is numbered to uniquely identify the applicable changed pages. Revision bars mark the SAR text changes (on Revision LWT-07A pages) that are proposed. Upon final approval, the changed pages will be reformatted, assigned the next appropriate revision number, and incorporated into the NAC-LWT SAR.

Approval of this amendment request as supplemented herein will permit timely shipment of the proposed modified contents in the NAC-LWT cask. To support anticipated spent fuel shipping schedules, equipment preparation and project planning, NAC respectfully requests continued review and subsequent approval of this amendment request by April 30, 2007.

Nuclear Regulatory Commission
March 2, 2007
Page 2

If you have any comments or questions, please contact me on my direct line at 678-328-1274.

Sincerely,



Anthony L. Patko
Director, Licensing
Engineering

Enclosure 1 – Supplemental SAR Changed Pages for the NAC-LWT Cask Transport Amendment, Rev. LWT-07A

Enclosure 2 – Proposed Changes for Revision 44 of CoC No. 9225 for the NAC-LWT Cask

Enclosure 1

February 2007

Revision LWT-07A

NAC-LWT

Legal Weight Truck Cask System

SAFETY ANALYSIS REPORT

Docket No. 71-9225



Atlanta Corporate Headquarters: 3930 East Jones Bridge Road, Norcross, Georgia 30092 USA
Phone 770-447-1144, Fax 770-447-1797, www.nacintl.com

List of Effective Pages

LIST OF EFFECTIVE PAGES

Chapter 1	
1-i	Revision LWT-06G
1-ii	Revision LWT-06G
1-iii	Revision LWT-06G
1-iv	Revision LWT-06G
1-1	Revision LWT-06G
1-2	Revision LWT-07A
1-3	Revision LWT-06G
1-4	Revision LWT-06G
1.1-1	Revision LWT-06G
1.1-2	Revision LWT-06G
1.2-1	Revision 36
1.2-2	Revision 36
1.2-3	Revision LWT-06G
1.2-4	Revision LWT-06G
1.2-5	Revision LWT-06G
1.2-6	Revision LWT-06G
1.2-7	Revision LWT-06G
1.2-8	Revision LWT-06G
1.2-9	Revision LWT-06G
1.2-10	Revision LWT-06G
1.2-11	Revision LWT-06G
1.2-12	Revision LWT-06G
1.2-13	Revision LWT-06G
1.2-14	Revision LWT-06G
1.2-15	Revision LWT-06G
1.2-16	Revision LWT-06G
1.2-17	Revision LWT-06A
1.2-18	Revision LWT-06A
1.2-19	Revision LWT-06A
1.2-20	Revision LWT-06A
1.2-21	Revision LWT-06A
1.2-22	Revision LWT-06A
1.2-23	Revision LWT-06A
1.2-24	Revision LWT-06A
1.2-25	Revision LWT-06A
1.2-26	Revision LWT-06A
1.2-27	Revision LWT-06A
1.2-28	Revision LWT-06A
1.2-29	Revision LWT-06A
1.2-30	Revision LWT-06A
1.2-31	Revision LWT-06A
1.2-32	Revision LWT-06G
1.2-33	Revision LWT-06G
1.2-34	Revision LWT-06G
1.2-35	Revision LWT-06G
1.2-36	Revision LWT-06G
1.2-37	Revision LWT-06G
1.2-38	Revision LWT-06G
1.2-39	Revision LWT-06G
1.2-40	Revision LWT-06G
1.2-41	Revision LWT-06G
1.2-42	Revision LWT-06G
1.2-43	Revision LWT-06G
1.2-44	Revision LWT-06G
1.2-45	Revision LWT-06G
1.3-1	Revision 36
1.4-1	Revision 36
1.5-1	Revision 36
1.5-2	Revision 36
1.5-3	Revision 36
1.5-4	Revision 36
1.5-5	Revision 36
1.5-6	Revision 36
1.5-7	Revision 36
1.5-8	Revision 36
1.5-9	Revision 36
1.5-10	Revision 36
1.5-11	Revision 36
1.5-12	Revision 36
1.5-13	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

1.5-14	Revision 36	1.5-50	Revision 36
1.5-15	Revision 36	1.5-51	Revision 36
1.5-16	Revision 36	1.5-52	Revision 36
1.5-17	Revision 36	1.5-53	Revision 36
1.5-18	Revision 36	1.5-54	Revision 36
1.5-19	Revision 36	1.5-55	Revision 36
1.5-20	Revision 36	1.5-56	Revision 36
1.5-21	Revision 36	1.5-57	Revision 36
1.5-22	Revision 36	1.5-58	Revision 36
1.5-23	Revision 36	1.5-59	Revision 36
1.5-24	Revision 36	1.5-60	Revision 36
1.5-25	Revision 36	1.5-61	Revision 36
1.5-26	Revision 36		
1.5-27	Revision 36		
1.5-28	Revision 36		
1.5-29	Revision 36		
1.5-30	Revision 36		
1.5-31	Revision 36		
1.5-32	Revision 36		
1.5-33	Revision 36		
1.5-34	Revision 36		
1.5-35	Revision 36		
1.5-36	Revision 36		
1.5-37	Revision 36		
1.5-38	Revision 36		
1.5-39	Revision 36		
1.5-40	Revision 36		
1.5-41	Revision 36		
1.5-42	Revision 36		
1.5-43	Revision 36		
1.5-44	Revision 36		
1.5-45	Revision 36		
1.5-46	Revision 36		
1.5-47	Revision 36		
1.5-48	Revision 36		
1.5-49	Revision 36		

81 drawings in the
Chapter 1 List of Drawings

Chapter 2

2-i	Revision 36
2-ii	Revision 36
2-iii	Revision LWT-06A
2-iv	Revision LWT-06A
2-v	Revision LWT-06A
2-vi	Revision LWT-06A
2-vii	Revision LWT-06A
2-viii	Revision 36
2-ix	Revision 37
2-x	Revision LWT-06G
2-xi	Revision 37
2-xii	Revision 37
2-xiii	Revision 37
2-xiv	Revision 37
2-xv	Revision 36
2-xvi	Revision 36
2-xvii	Revision 37

LIST OF EFFECTIVE PAGES (Continued)

2-xviii.....	Revision 36	2.3.1-4	Revision 36
2-xix	Revision 36	2.3.1-5	Revision 36
2-xx	Revision 36	2.3.1-6	Revision 36
2-xxi.....	Revision 36	2.3.1-7	Revision 36
2-xxii.....	Revision 36	2.3.1-8	Revision 36
2-xxiii.....	Revision 36	2.3.1-9	Revision 36
2-xxiv	Revision 36	2.3.1-10	Revision 36
2-xxv	Revision 36	2.3.1-11	Revision 36
2-xxvi.....	Revision 36	2.3.1-12	Revision 36
2-xxvii.....	Revision 36	2.3.1-13	Revision 36
2-xxviii.....	Revision 36	2.3.1-14	Revision 36
2-xxix.....	Revision 36	2.4-1	Revision 36
2-1	Revision 36	2.4.1-1	Revision 36
2.1.1-1	Revision 36	2.4.2-1	Revision 36
2.1.1-2	Revision LWT-06G	2.4.3-1	Revision 36
2.1.1-3	Revision LWT-06G	2.4.4-1	Revision 36
2.1.2-1	Revision LWT-06G	2.4.5-1	Revision 36
2.1.2-2	Revision 36	2.4.6-1	Revision 36
2.1.2-3	Revision 36	2.5.1-1	Revision 36
2.1.3-1	Revision 36	2.5.1-2	Revision 36
2.1.3-2	Revision 36	2.5.1-3	Revision 36
2.1.3-3	Revision 36	2.5.1-4	Revision 36
2.1.3-4	Revision 36	2.5.1-5	Revision 36
2.1.3-5	Revision 36	2.5.1-6	Revision 36
2.1.3-6	Revision 36	2.5.1-7	Revision 36
2.1.3-7	Revision 36	2.5.1-8	Revision 36
2.1.3-8	Revision 36	2.5.1-9	Revision 36
2.1.3-9	Revision 36	2.5.1-10	Revision 36
2.2-1	Revision 36	2.5.1-11	Revision 36
2.2-2	Revision LWT-06G	2.5.1-12	Revision 36
2.2-3	Revision LWT-06G	2.5.2-1	Revision 36
2.3-1	Revision 36	2.5.2-2	Revision 36
2.3.1-1	Revision LWT-06G	2.5.2-3	Revision 36
2.3.1-2	Revision LWT-06G	2.5.2-4	Revision 36
2.3.1-3	Revision 36	2.5.2-5	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.5.2-6	Revision 36	2.6.7-2	Revision 36
2.5.2-7	Revision 36	2.6.7-3	Revision 36
2.5.2-8	Revision 36	2.6.7-4	Revision 36
2.5.2-9	Revision 36	2.6.7-5	Revision 36
2.5.2-10	Revision 36	2.6.7-6	Revision 36
2.5.2-11	Revision 36	2.6.7-7	Revision 36
2.5.2-12	Revision 36	2.6.7-8	Revision 36
2.5.2-13	Revision 36	2.6.7-9	Revision 36
2.5.2-14	Revision 36	2.6.7-10	Revision 36
2.5.2-15	Revision 36	2.6.7-11	Revision 36
2.5.2-16	Revision 36	2.6.7-12	Revision 36
2.5.2-17	Revision 36	2.6.7-13	Revision 36
2.5.2-18	Revision 36	2.6.7-14	Revision 36
2.5.2-19	Revision 36	2.6.7-15	Revision 36
2.5.2-20	Revision 36	2.6.7-16	Revision 36
2.6.1-1	Revision 36	2.6.7-17	Revision 36
2.6.1-2	Revision 36	2.6.7-18	Revision 36
2.6.1-3	Revision 36	2.6.7-19	Revision 36
2.6.1-4	Revision 36	2.6.7-20	Revision 36
2.6.1-5	Revision 37	2.6.7-21	Revision 36
2.6.1-6	Revision 37	2.6.7-22	Revision 36
2.6.1-7	Revision 37	2.6.7-23	Revision 36
2.6.2-1	Revision 36	2.6.7-24	Revision 36
2.6.2-2	Revision 36	2.6.7-25	Revision 36
2.6.2-3	Revision 36	2.6.7-26	Revision 36
2.6.2-4	Revision 36	2.6.7-27	Revision 36
2.6.2-5	Revision 37	2.6.7-28	Revision 36
2.6.2-6	Revision 37	2.6.7-29	Revision 36
2.6.2-7	Revision 37	2.6.7-30	Revision 36
2.6.3-1	Revision 36	2.6.7-31	Revision 36
2.6.4-1	Revision 36	2.6.7-32	Revision 36
2.6.5-1	Revision 36	2.6.7-33	Revision 36
2.6.5-2	Revision 36	2.6.7-34	Revision 36
2.6.6-1	Revision 36	2.6.7-35	Revision 36
2.6.7-1	Revision 36	2.6.7-36	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.6.7-37	Revision 36	2.6.7-72	Revision 36
2.6.7-38	Revision 36	2.6.7-73	Revision 36
2.6.7-39	Revision 36	2.6.7-74	Revision 36
2.6.7-40	Revision 36	2.6.7-75	Revision 36
2.6.7-41	Revision 36	2.6.7-76	Revision 36
2.6.7-42	Revision 36	2.6.7-77	Revision 36
2.6.7-43	Revision 36	2.6.7-78	Revision 36
2.6.7-44	Revision 36	2.6.7-79	Revision 36
2.6.7-45	Revision 36	2.6.7-80	Revision 36
2.6.7-46	Revision 36	2.6.7-81	Revision 36
2.6.7-47	Revision 36	2.6.7-82	Revision 36
2.6.7-48	Revision 36	2.6.7-83	Revision 36
2.6.7-49	Revision 36	2.6.7-84	Revision 36
2.6.7-50	Revision 36	2.6.7-85	Revision 36
2.6.7-51	Revision 36	2.6.7-86	Revision 36
2.6.7-52	Revision 36	2.6.7-87	Revision 36
2.6.7-53	Revision 36	2.6.7-88	Revision 36
2.6.7-54	Revision 36	2.6.7-89	Revision 36
2.6.7-55	Revision 36	2.6.7-90	Revision 36
2.6.7-56	Revision 36	2.6.7-91	Revision 36
2.6.7-57	Revision 36	2.6.7-92	Revision 36
2.6.7-58	Revision 36	2.6.7-93	Revision 36
2.6.7-59	Revision 36	2.6.7-94	Revision 36
2.6.7-60	Revision 36	2.6.7-95	Revision 36
2.6.7-61	Revision 36	2.6.7-96	Revision 36
2.6.7-62	Revision 36	2.6.7-97	Revision 36
2.6.7-63	Revision 36	2.6.7-98	Revision 36
2.6.7-64	Revision 36	2.6.7-99	Revision 36
2.6.7-65	Revision 36	2.6.7-100	Revision 36
2.6.7-66	Revision 36	2.6.7-101	Revision 36
2.6.7-67	Revision 36	2.6.7-102	Revision 36
2.6.7-68	Revision 36	2.6.7-103	Revision 36
2.6.7-69	Revision 36	2.6.7-104	Revision 36
2.6.7-70	Revision 36	2.6.7-105	Revision 36
2.6.7-71	Revision 36	2.6.7-106	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.6.7-107	Revision 36	2.6.7-142	Revision 36
2.6.7-108	Revision 37	2.6.7-143	Revision 36
2.6.7-109	Revision 37	2.6.7-144	Revision 36
2.6.7-110	Revision 37	2.6.7-145	Revision 36
2.6.7-111	Revision 37	2.6.7-146	Revision 36
2.6.7-112	Revision 37	2.6.7-147	Revision 36
2.6.7-113	Revision 37	2.6.7-148	Revision 36
2.6.7-114	Revision 37	2.6.7-149	Revision 36
2.6.7-115	Revision 37	2.6.8-1	Revision 36
2.6.7-116	Revision 37	2.6.9-1	Revision 36
2.6.7-117	Revision 37	2.6.10-1	Revision 36
2.6.7-118	Revision 37	2.6.10-2	Revision 36
2.6.7-119	Revision 37	2.6.10-3	Revision 36
2.6.7-120	Revision 37	2.6.10-4	Revision 36
2.6.7-121	Revision 37	2.6.10-5	Revision 36
2.6.7-122	Revision 37	2.6.10-6	Revision 36
2.6.7-123	Revision 37	2.6.10-7	Revision 36
2.6.7-124	Revision 37	2.6.10-8	Revision 36
2.6.7-125	Revision 37	2.6.10-9	Revision 36
2.6.7-126	Revision 37	2.6.10-10	Revision 36
2.6.7-127	Revision 37	2.6.10-11	Revision LWT-06G
2.6.7-128	Revision 37	2.6.10-12	Revision LWT-06G
2.6.7-129	Revision 37	2.6.10-13	Revision LWT-06G
2.6.7-130	Revision 37	2.6.10-14	Revision LWT-06G
2.6.7-131	Revision 37	2.6.10-15	Revision 36
2.6.7-132	Revision 37	2.6.10-16	Revision 36
2.6.7-133	Revision 37	2.6.10-17	Revision 36
2.6.7-134	Revision 37	2.6.10-18	Revision 36
2.6.7-135	Revision 37	2.6.11-1	Revision 36
2.6.7-136	Revision 37	2.6.11-2	Revision 36
2.6.7-137	Revision 37	2.6.11-3	Revision 36
2.6.7-138	Revision 37	2.6.11-4	Revision 36
2.6.7-139	Revision 36	2.6.11-5	Revision 36
2.6.7-140	Revision 36	2.6.11-6	Revision 36
2.6.7-141	Revision 36	2.6.11-7	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.6.11-8	Revision 36	2.6.12-27	Revision 37
2.6.11-9	Revision 36	2.6.12-28	Revision 37
2.6.11-10	Revision 36	2.6.12-29	Revision 37
2.6.11-11	Revision 36	2.6.12-30	Revision 37
2.6.11-12	Revision 36	2.6.12-31	Revision 37
2.6.11-13	Revision 36	2.6.12-32	Revision 37
2.6.11-14	Revision 36	2.6.12-33	Revision 37
2.6.11-15	Revision 36	2.6.12-34	Revision 37
2.6.11-16	Revision 36	2.6.12-35	Revision 37
2.6.12-1	Revision 36	2.6.12-36	Revision 37
2.6.12-2	Revision 36	2.6.12-37	Revision 37
2.6.12-3	Revision 36	2.6.12-38	Revision 37
2.6.12-4	Revision 36	2.6.12-39	Revision 37
2.6.12-5	Revision 36	2.6.12-40	Revision 37
2.6.12-6	Revision 36	2.6.12-41	Revision 37
2.6.12-7	Revision 36	2.6.12-42	Revision 37
2.6.12-8	Revision 36	2.6.12-43	Revision 37
2.6.12-9	Revision 37	2.6.12-44	Revision 37
2.6.12-10	Revision 37	2.6.12-45	Revision 37
2.6.12-11	Revision 37	2.6.12-46	Revision 37
2.6.12-12	Revision 37	2.6.12-47	Revision 37
2.6.12-13	Revision 37	2.6.12-48	Revision 37
2.6.12-14	Revision 37	2.6.12-49	Revision 37
2.6.12-15	Revision 37	2.6.12-50	Revision 37
2.6.12-16	Revision 37	2.6.12-51	Revision 37
2.6.12-17	Revision 37	2.6.12-52	Revision 37
2.6.12-18	Revision 37	2.6.12-53	Revision 37
2.6.12-19	Revision 37	2.6.12-54	Revision 37
2.6.12-20	Revision 37	2.6.12-55	Revision 37
2.6.12-21	Revision 37	2.6.12-56	Revision 37
2.6.12-22	Revision 37	2.6.12-57	Revision 37
2.6.12-23	Revision 37	2.6.12-58	Revision 37
2.6.12-24	Revision 37	2.6.12-59	Revision 37
2.6.12-25	Revision 37	2.6.12-60	Revision 37
2.6.12-26	Revision 37	2.6.12-61	Revision LWT-06G

LIST OF EFFECTIVE PAGES (Continued)

2.6.12-62	Revision LWT-06G	2.6.12-97	Revision LWT-06G
2.6.12-63	Revision LWT-06G	2.6.12-98	Revision LWT-06A
2.6.12-64	Revision LWT-06G	2.6.12-99	Revision LWT-06A
2.6.12-65	Revision LWT-06G	2.6.12-100	Revision LWT-06G
2.6.12-66	Revision 37	2.6.12-101	Revision LWT-06G
2.6.12-67	Revision 37	2.6.12-102	Revision LWT-06G
2.6.12-68	Revision 37	2.6.12-103	Revision LWT-06G
2.6.12-69	Revision LWT-06G	2.6.12-104	Revision LWT-06G
2.6.12-70	Revision LWT-06G	2.6.12-105	Revision LWT-06G
2.6.12-71	Revision 37	2.6.12-106	Revision LWT-06A
2.6.12-72	Revision 37	2.7-1	Revision 36
2.6.12-73	Revision 37	2.7.1-1	Revision 36
2.6.12-74	Revision 37	2.7.1-2	Revision 36
2.6.12-75	Revision 37	2.7.1-3	Revision 36
2.6.12-76	Revision 37	2.7.1-4	Revision 36
2.6.12-77	Revision 37	2.7.1-5	Revision 36
2.6.12-78	Revision 37	2.7.1-6	Revision 36
2.6.12-79	Revision 37	2.7.1-7	Revision 36
2.6.12-80	Revision 37	2.7.1-8	Revision 36
2.6.12-81	Revision 37	2.7.1-9	Revision 36
2.6.12-82	Revision 37	2.7.1-10	Revision 36
2.6.12-83	Revision 37	2.7.1-11	Revision 36
2.6.12-84	Revision 37	2.7.1-12	Revision 36
2.6.12-85	Revision 37	2.7.1-13	Revision 36
2.6.12-86	Revision 37	2.7.1-14	Revision 36
2.6.12-87	Revision 37	2.7.1-15	Revision 36
2.6.12-88	Revision 37	2.7.1-16	Revision 36
2.6.12-89	Revision 37	2.7.1-17	Revision 36
2.6.12-90	Revision 37	2.7.1-18	Revision 36
2.6.12-91	Revision 37	2.7.1-19	Revision 36
2.6.12-92	Revision 37	2.7.1-20	Revision 36
2.6.12-93	Revision 37	2.7.1-21	Revision 36
2.6.12-94	Revision 37	2.7.1-22	Revision 36
2.6.12-95	Revision 37	2.7.1-23	Revision 36
2.6.12-96	Revision 37	2.7.1-24	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.7.1-25	Revision 36	2.7.1-60	Revision 36
2.7.1-26	Revision 36	2.7.1-61	Revision 36
2.7.1-27	Revision 36	2.7.1-62	Revision 36
2.7.1-28	Revision 36	2.7.1-63	Revision 36
2.7.1-29	Revision 36	2.7.1-64	Revision 37
2.7.1-30	Revision 36	2.7.1-65	Revision 37
2.7.1-31	Revision 36	2.7.1-66	Revision 37
2.7.1-32	Revision 36	2.7.1-67	Revision 37
2.7.1-33	Revision 36	2.7.1-68	Revision 37
2.7.1-34	Revision 36	2.7.1-69	Revision 37
2.7.1-35	Revision 36	2.7.1-70	Revision 37
2.7.1-36	Revision 36	2.7.1-71	Revision 37
2.7.1-37	Revision 36	2.7.1-72	Revision 37
2.7.1-38	Revision 36	2.7.1-73	Revision 37
2.7.1-39	Revision 36	2.7.1-74	Revision 37
2.7.1-40	Revision 36	2.7.1-75	Revision 37
2.7.1-41	Revision 36	2.7.1-76	Revision 37
2.7.1-42	Revision 36	2.7.1-77	Revision 37
2.7.1-43	Revision 36	2.7.1-78	Revision 37
2.7.1-44	Revision 36	2.7.1-79	Revision 36
2.7.1-45	Revision 36	2.7.1-80	Revision 37
2.7.1-46	Revision 36	2.7.1-81	Revision 37
2.7.1-47	Revision 36	2.7.1-82	Revision 37
2.7.1-48	Revision 36	2.7.1-83	Revision 36
2.7.1-49	Revision 36	2.7.1-84	Revision 36
2.7.1-50	Revision 36	2.7.1-85	Revision 36
2.7.1-51	Revision 36	2.7.1-86	Revision 36
2.7.1-52	Revision 36	2.7.1-87	Revision 37
2.7.1-53	Revision 36	2.7.1-88	Revision 37
2.7.1-54	Revision 36	2.7.1-89	Revision 37
2.7.1-55	Revision 36	2.7.1-90	Revision 37
2.7.1-56	Revision 36	2.7.1-91	Revision 37
2.7.1-57	Revision 36	2.7.1-92	Revision 37
2.7.1-58	Revision 36	2.7.1-93	Revision 37
2.7.1-59	Revision 36	2.7.1-94	Revision 37

LIST OF EFFECTIVE PAGES (Continued)

2.7.1-95	Revision 37	2.7.2-6	Revision 36
2.7.1-96	Revision 37	2.7.2-7	Revision 36
2.7.1-97	Revision 37	2.7.2-8	Revision 36
2.7.1-98	Revision 37	2.7.2-9	Revision 36
2.7.1-99	Revision 37	2.7.2-10	Revision 36
2.7.1-100	Revision 37	2.7.2-11	Revision 36
2.7.1-101	Revision 37	2.7.2-12	Revision 36
2.7.1-102	Revision 37	2.7.2-13	Revision 36
2.7.1-103	Revision 37	2.7.2-14	Revision LWT-06G
2.7.1-104	Revision 37	2.7.2-15	Revision LWT-06G
2.7.1-105	Revision 37	2.7.2-16	Revision 36
2.7.1-106	Revision 37	2.7.2-17	Revision 36
2.7.1-107	Revision 37	2.7.2-18	Revision 36
2.7.1-108	Revision 37	2.7.2-19	Revision 36
2.7.1-109	Revision 37	2.7.2-20	Revision LWT-06G
2.7.1-110	Revision 37	2.7.2-21	Revision 36
2.7.1-111	Revision 37	2.7.2-22	Revision 36
2.7.1-112	Revision 37	2.7.2-23	Revision 36
2.7.1-113	Revision 37	2.7.2-24	Revision 36
2.7.1-114	Revision 37	2.7.2-25	Revision 36
2.7.1-115	Revision 37	2.7.2-26	Revision 36
2.7.1-116	Revision 37	2.7.3-1	Revision 36
2.7.1-117	Revision 37	2.7.3-2	Revision 36
2.7.1-118	Revision 37	2.7.3-3	Revision 36
2.7.1-119	Revision 37	2.7.3-4	Revision 36
2.7.1-120	Revision 37	2.7.3-5	Revision 36
2.7.1-121	Revision 37	2.7.3-6	Revision 36
2.7.1-122	Revision 37	2.7.4-1	Revision 36
2.7.1-123	Revision 36	2.7.5-1	Revision 36
2.7.1-124	Revision 36	2.7.5-2	Revision 36
2.7.2-1	Revision 36	2.7.5-3	Revision 36
2.7.2-2	Revision 36	2.7.5-4	Revision 36
2.7.2-3	Revision 36	2.7.5-5	Revision 36
2.7.2-4	Revision 36	2.7.5-6	Revision 36
2.7.2-5	Revision 36	2.7.5-7	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.7.6-1	Revision 36	2.7.7-32	Revision 36
2.7.6-2	Revision 36	2.7.7-33	Revision 36
2.7.6-3	Revision 36	2.7.7-34	Revision 36
2.7.6-4	Revision 36	2.7.7-35	Revision 36
2.7.7-1	Revision 36	2.7.7-36	Revision 36
2.7.7-2	Revision 36	2.7.7-37	Revision 36
2.7.7-3	Revision 36	2.7.7-38	Revision 36
2.7.7-4	Revision 36	2.7.7-39	Revision 36
2.7.7-5	Revision 36	2.7.7-40	Revision 36
2.7.7-6	Revision 36	2.7.7-41	Revision 36
2.7.7-7	Revision 36	2.7.7-42	Revision 36
2.7.7-8	Revision 37	2.7.7-43	Revision 36
2.7.7-9	Revision 37	2.7.7-44	Revision 36
2.7.7-10	Revision 37	2.7.7-45	Revision 36
2.7.7-11	Revision 37	2.7.7-46	Revision 36
2.7.7-12	Revision 37	2.7.7-47	Revision 36
2.7.7-13	Revision 37	2.7.7-48	Revision 36
2.7.7-14	Revision 37	2.7.7-49	Revision 36
2.7.7-15	Revision 37	2.7.7-50	Revision 36
2.7.7-16	Revision 37	2.7.7-51	Revision 36
2.7.7-17	Revision 37	2.7.7-52	Revision 36
2.7.7-18	Revision 37	2.7.7-53	Revision 36
2.7.7-19	Revision 37	2.7.7-54	Revision 36
2.7.7-20	Revision 37	2.7.7-55	Revision 36
2.7.7-21	Revision 37	2.7.7-56	Revision LWT-06G
2.7.7-22	Revision 37	2.7.7-57	Revision LWT-06G
2.7.7-23	Revision 37	2.7.7-58	Revision LWT-06G
2.7.7-24	Revision 37	2.7.7-59	Revision LWT-06G
2.7.7-25	Revision 37	2.7.7-60	Revision 36
2.7.7-26	Revision 36	2.7.7-61	Revision 36
2.7.7-27	Revision 36	2.7.7-62	Revision 36
2.7.7-28	Revision 36	2.7.7-63	Revision 36
2.7.7-29	Revision 36	2.7.7-64	Revision 36
2.7.7-30	Revision 36	2.7.7-65	Revision 36
2.7.7-31	Revision 36	2.7.7-66	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.7.7-67	Revision 36	2.10.2-5	Revision 36
2.7.7-68	Revision 36	2.10.2-6	Revision 36
2.7.7-69	Revision 36	2.10.2-7	Revision 36
2.7.7-70	Revision 36	2.10.2-8	Revision 36
2.7.7-71	Revision 36	2.10.2-9	Revision 36
2.7.7-72	Revision 36	2.10.2-10	Revision 36
2.7.7-73	Revision 36	2.10.2-11	Revision 36
2.7.7-74	Revision 36	2.10.2-12	Revision 36
2.7.7-75	Revision 36	2.10.2-13	Revision 36
2.7.7-76	Revision LWT-06G	2.10.2-14	Revision 36
2.7.7-77	Revision LWT-06G	2.10.2-15	Revision 36
2.7.7-78	Revision LWT-06G	2.10.2-16	Revision 36
2.7.7-79	Revision LWT-06G	2.10.2-17	Revision 36
2.8-1	Revision 36	2.10.2-18	Revision 36
2.9-1	Revision 36	2.10.2-19	Revision 36
2.9-2	Revision 36	2.10.2-20	Revision 36
2.9-3	Revision 36	2.10.2-21	Revision 36
2.9-4	Revision 36	2.10.2-22	Revision 36
2.9-5	Revision 37	2.10.2-23	Revision 36
2.9-6	Revision LWT-06A	2.10.2-24	Revision 36
2.9-7	Revision LWT-06A	2.10.2-25	Revision 36
2.9-8	Revision LWT-06A	2.10.2-26	Revision 36
2.9-9	Revision LWT-06A	2.10.2-27	Revision 36
2.9-10	Revision LWT-06A	2.10.2-28	Revision 36
2.9-11	Revision LWT-06A	2.10.2-29	Revision 36
2.9-12	Revision LWT-06A	2.10.2-30	Revision 36
2.9-13	Revision LWT-06A	2.10.2-31	Revision 36
2.9-14	Revision LWT-06A	2.10.2-32	Revision 36
2.10.1-1	Revision 36	2.10.2-33	Revision 36
2.10.1-2	Revision 36	2.10.2-34	Revision 36
2.10.1-3	Revision 36	2.10.2-35	Revision 36
2.10.2-1	Revision 36	2.10.2-36	Revision 36
2.10.2-2	Revision 36	2.10.2-37	Revision 36
2.10.2-3	Revision 36	2.10.2-38	Revision 36
2.10.2-4	Revision 36	2.10.2-39	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.10.2-40	Revision 36	2.10.4-8	Revision 36
2.10.2-41	Revision 36	2.10.4-9	Revision 36
2.10.2-42	Revision 36	2.10.4-10	Revision 36
2.10.2-43	Revision 36	2.10.4-11	Revision 36
2.10.2-44	Revision 36	2.10.4-12	Revision 36
2.10.2-45	Revision 36	2.10.5-1	Revision 36
2.10.2-46	Revision 36	2.10.6-1	Revision 36
2.10.2-47	Revision 36	2.10.6-2	Revision 36
2.10.2-48	Revision 36	2.10.6-3	Revision 36
2.10.2-49	Revision 36	2.10.6-4	Revision 36
2.10.3-1	Revision 36	2.10.6-5	Revision 36
2.10.3-2	Revision 36	2.10.6-6	Revision 36
2.10.3-3	Revision 36	2.10.6-7	Revision 36
2.10.3-4	Revision 36	2.10.6-8	Revision 36
2.10.3-5	Revision 36	2.10.6-9	Revision 36
2.10.3-6	Revision 36	2.10.6-10	Revision 36
2.10.3-7	Revision 36	2.10.6-11	Revision 36
2.10.3-8	Revision 36	2.10.6-12	Revision 36
2.10.3-9	Revision 36	2.10.6-13	Revision 36
2.10.3-10	Revision 36	2.10.6-14	Revision 36
2.10.3-11	Revision 36	2.10.6-15	Revision 36
2.10.3-12	Revision 36	2.10.6-16	Revision 36
2.10.3-13	Revision 36	2.10.6-17	Revision 36
2.10.3-14	Revision 36	2.10.6-18	Revision 36
2.10.3-15	Revision 36	2.10.6-19	Revision 36
2.10.3-16	Revision 36	2.10.6-20	Revision 36
2.10.3-17	Revision 36	2.10.6-21	Revision 36
2.10.3-18	Revision 36	2.10.6-22	Revision 36
2.10.4-1	Revision 36	2.10.7-1	Revision 36
2.10.4-2	Revision 36	2.10.7-2	Revision 36
2.10.4-3	Revision 36	2.10.7-3	Revision 36
2.10.4-4	Revision 36	2.10.7-4	Revision 36
2.10.4-5	Revision 36	2.10.7-5	Revision 36
2.10.4-6	Revision 36	2.10.7-6	Revision 36
2.10.4-7	Revision 36	2.10.7-7	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.10.7-8	Revision 36	2.10.7-43	Revision 36
2.10.7-9	Revision 36	2.10.7-44	Revision 36
2.10.7-10	Revision 36	2.10.7-45	Revision 36
2.10.7-11	Revision 36	2.10.7-46	Revision 36
2.10.7-12	Revision 36	2.10.7-47	Revision 36
2.10.7-13	Revision 36	2.10.7-48	Revision 36
2.10.7-14	Revision 36	2.10.7-49	Revision 36
2.10.7-15	Revision 36	2.10.7-50	Revision 36
2.10.7-16	Revision 36	2.10.7-51	Revision 36
2.10.7-17	Revision 36	2.10.7-52	Revision 36
2.10.7-18	Revision 36	2.10.7-53	Revision 36
2.10.7-19	Revision 36	2.10.7-54	Revision 36
2.10.7-20	Revision 36	2.10.7-55	Revision 36
2.10.7-21	Revision 36	2.10.7-56	Revision 36
2.10.7-22	Revision 36	2.10.7-57	Revision 36
2.10.7-23	Revision 36	2.10.7-58	Revision 36
2.10.7-24	Revision 36	2.10.7-59	Revision 36
2.10.7-25	Revision 36	2.10.7-60	Revision 36
2.10.7-26	Revision 36	2.10.7-61	Revision 36
2.10.7-27	Revision 36	2.10.7-62	Revision 36
2.10.7-28	Revision 36	2.10.7-63	Revision 36
2.10.7-29	Revision 36	2.10.7-64	Revision 36
2.10.7-30	Revision 36	2.10.7-65	Revision 36
2.10.7-31	Revision 36	2.10.7-66	Revision 36
2.10.7-32	Revision 36	2.10.8-1	Revision 36
2.10.7-33	Revision 36	2.10.8-2	Revision 36
2.10.7-34	Revision 36	2.10.8-3	Revision 36
2.10.7-35	Revision 36	2.10.8-4	Revision 36
2.10.7-36	Revision 36	2.10.8-5	Revision 36
2.10.7-37	Revision 36	2.10.8-6	Revision 36
2.10.7-38	Revision 36	2.10.8-7	Revision 36
2.10.7-39	Revision 36	2.10.8-8	Revision 36
2.10.7-40	Revision 36	2.10.8-9	Revision 36
2.10.7-41	Revision 36	2.10.8-10	Revision 36
2.10.7-42	Revision 36	2.10.8-11	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.10.8-12	Revision 36	2.10.8-47	Revision 36
2.10.8-13	Revision 36	2.10.8-48	Revision 36
2.10.8-14	Revision 36	2.10.8-49	Revision 36
2.10.8-15	Revision 36	2.10.8-50	Revision 36
2.10.8-16	Revision 36	2.10.8-51	Revision 36
2.10.8-17	Revision 36	2.10.8-52	Revision 36
2.10.8-18	Revision 36	2.10.8-53	Revision 36
2.10.8-19	Revision 36	2.10.8-54	Revision 36
2.10.8-20	Revision 36	2.10.8-55	Revision 36
2.10.8-21	Revision 36	2.10.8-56	Revision 36
2.10.8-22	Revision 36	2.10.8-57	Revision 36
2.10.8-23	Revision 36	2.10.8-58	Revision 36
2.10.8-24	Revision 36	2.10.8-59	Revision 36
2.10.8-25	Revision 36	2.10.8-60	Revision 36
2.10.8-26	Revision 36	2.10.8-61	Revision 36
2.10.8-27	Revision 36	2.10.8-62	Revision 36
2.10.8-28	Revision 36	2.10.8-63	Revision 36
2.10.8-29	Revision 36	2.10.8-64	Revision 36
2.10.8-30	Revision 36	2.10.8-65	Revision 36
2.10.8-31	Revision 36	2.10.8-66	Revision 36
2.10.8-32	Revision 36	2.10.8-67	Revision 36
2.10.8-33	Revision 36	2.10.8-68	Revision 36
2.10.8-34	Revision 36	2.10.8-69	Revision 36
2.10.8-35	Revision 36	2.10.8-70	Revision 36
2.10.8-36	Revision 36	2.10.8-71	Revision 36
2.10.8-37	Revision 36	2.10.9-1	Revision 36
2.10.8-38	Revision 36	2.10.9-2	Revision 36
2.10.8-39	Revision 36	2.10.9-3	Revision 36
2.10.8-40	Revision 36	2.10.9-4	Revision 36
2.10.8-41	Revision 36	2.10.9-5	Revision 36
2.10.8-42	Revision 36	2.10.9-6	Revision 36
2.10.8-43	Revision 36	2.10.9-7	Revision 36
2.10.8-44	Revision 36	2.10.9-8	Revision 36
2.10.8-45	Revision 36	2.10.9-9	Revision 36
2.10.8-46	Revision 36	2.10.9-10	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.10.10-1	Revision 36	2.10.10-36	Revision 36
2.10.10-2	Revision 36	2.10.10-37	Revision 36
2.10.10-3	Revision 36	2.10.10-38	Revision 36
2.10.10-4	Revision 36	2.10.10-39	Revision 36
2.10.10-5	Revision 36	2.10.10-40	Revision 36
2.10.10-6	Revision 36	2.10.10-41	Revision 36
2.10.10-7	Revision 36	2.10.10-42	Revision 36
2.10.10-8	Revision 36	2.10.10-43	Revision 36
2.10.10-9	Revision 36	2.10.10-44	Revision 36
2.10.10-10	Revision 36	2.10.10-45	Revision 36
2.10.10-11	Revision 36	2.10.10-46	Revision 36
2.10.10-12	Revision 36	2.10.10-47	Revision 36
2.10.10-13	Revision 36	2.10.10-48	Revision 36
2.10.10-14	Revision 36	2.10.10-49	Revision 36
2.10.10-15	Revision 36	2.10.10-50	Revision 36
2.10.10-16	Revision 36	2.10.10-51	Revision 36
2.10.10-17	Revision 36	2.10.10-52	Revision 36
2.10.10-18	Revision 36	2.10.10-53	Revision 36
2.10.10-19	Revision 36	2.10.10-54	Revision 36
2.10.10-20	Revision 36	2.10.10-55	Revision 36
2.10.10-21	Revision 36	2.10.10-56	Revision 36
2.10.10-22	Revision 36	2.10.10-57	Revision 36
2.10.10-23	Revision 36	2.10.10-58	Revision 36
2.10.10-24	Revision 36	2.10.10-59	Revision 36
2.10.10-25	Revision 36	2.10.10-60	Revision 36
2.10.10-26	Revision 36	2.10.10-61	Revision 36
2.10.10-27	Revision 36	2.10.10-62	Revision 36
2.10.10-28	Revision 36	2.10.10-63	Revision 36
2.10.10-29	Revision 36	2.10.10-64	Revision 36
2.10.10-30	Revision 36	2.10.10-65	Revision 36
2.10.10-31	Revision 36	2.10.10-66	Revision 36
2.10.10-32	Revision 36	2.10.10-67	Revision 36
2.10.10-33	Revision 36	2.10.10-68	Revision 36
2.10.10-34	Revision 36	2.10.10-69	Revision 36
2.10.10-35	Revision 36	2.10.10-70	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.10.10-71	Revision 36	2.10.11-7	Revision 36
2.10.10-72	Revision 36	2.10.11-8	Revision 36
2.10.10-73	Revision 36	2.10.11-9	Revision 36
2.10.10-74	Revision 36	2.10.11-10	Revision 36
2.10.10-75	Revision 36	2.10.12-1	Revision 36
2.10.10-76	Revision 36	2.10.12-2	Revision 36
2.10.10-77	Revision 36	2.10.12-3	Revision 36
2.10.10-78	Revision 36	2.10.12-4	Revision 36
2.10.10-79	Revision 36	2.10.12-5	Revision 36
2.10.10-80	Revision 36	2.10.12-6	Revision 36
2.10.10-81	Revision 36	2.10.12-7	Revision 36
2.10.10-82	Revision 36	2.10.12-8	Revision 36
2.10.10-83	Revision 36	2.10.12-9	Revision 36
2.10.10-84	Revision 36	2.10.12-10	Revision 36
2.10.10-85	Revision 36	2.10.12-11	Revision 36
2.10.10-86	Revision 36	2.10.12-12	Revision 36
2.10.10-87	Revision 36	2.10.12-13	Revision 36
2.10.10-88	Revision 36	2.10.12-14	Revision 36
2.10.10-89	Revision 36	2.10.12-15	Revision 36
2.10.10-90	Revision 36	2.10.12-16	Revision 36
2.10.10-91	Revision 36	2.10.12-17	Revision 36
2.10.10-92	Revision 36	2.10.12-18	Revision 36
2.10.10-93	Revision 36	2.10.12-19	Revision 36
2.10.10-94	Revision 36	2.10.12-20	Revision 36
2.10.10-95	Revision 36	2.10.12-21	Revision 36
2.10.10-96	Revision 36	2.10.12-22	Revision 36
2.10.10-97	Revision 36	2.10.12-23	Revision 36
2.10.10-98	Revision 36	2.10.12-24	Revision 36
2.10.10-99	Revision 36	2.10.12-25	Revision 36
2.10.11-1	Revision 36	2.10.12-26	Revision 36
2.10.11-2	Revision 36	2.10.12-27	Revision 36
2.10.11-3	Revision 36	2.10.12-28	Revision 36
2.10.11-4	Revision 36	2.10.12-29	Revision 36
2.10.11-5	Revision 36	2.10.12-30	Revision 36
2.10.11-6	Revision 36	2.10.12-31	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.10.12-32	Revision 36	2.10.14-15	Revision 36
2.10.13-1	Revision 36	2.10.14-16	Revision 36
2.10.13-2	Revision 36	2.10.14-17	Revision 36
2.10.13-3	Revision 36	2.10.14-18	Revision 36
2.10.13-4	Revision 36	2.10.14-19	Revision 36
2.10.13-5	Revision 36	2.10.14-20	Revision 36
2.10.13-6	Revision 36	2.10.14-21	Revision 36
2.10.13-7	Revision 36	2.10.14-22	Revision 36
2.10.13-8	Revision 36	2.10.14-23	Revision 36
2.10.13-9	Revision 36	2.10.14-24	Revision 36
2.10.13-10	Revision 36	2.10.14-25	Revision 36
2.10.13-11	Revision 36	2.10.14-26	Revision 36
2.10.13-12	Revision 36	2.10.14-27	Revision 36
2.10.13-13	Revision 36	2.10.14-28	Revision 36
2.10.13-14	Revision 36	2.10.14-29	Revision 36
2.10.13-15	Revision 36	2.10.14-30	Revision 36
2.10.13-16	Revision 36	2.10.14-31	Revision 36
2.10.13-17	Revision 36	2.10.14-32	Revision 36
2.10.13-18	Revision 36	2.10.14-33	Revision 36
2.10.13-19	Revision 36	2.10.14-34	Revision 36
2.10.13-20	Revision 36	2.10.14-35	Revision 36
2.10.14-1	Revision 36	2.10.14-36	Revision 36
2.10.14-2	Revision 36	2.10.14-37	Revision 36
2.10.14-3	Revision 36	2.10.14-38	Revision 36
2.10.14-4	Revision 36	2.10.14-39	Revision 36
2.10.14-5	Revision 36	2.10.15-1	Revision 36
2.10.14-6	Revision 36	2.10.15-2	Revision 36
2.10.14-7	Revision 36	2.10.15-3	Revision 36
2.10.14-8	Revision 36	2.10.15-4	Revision 36
2.10.14-9	Revision 36	2.10.15-5	Revision 36
2.10.14-10	Revision 36	2.10.15-6	Revision 36
2.10.14-11	Revision 37	2.10.15-7	Revision 36
2.10.14-12	Revision 36	2.10.15-8	Revision 36
2.10.14-13	Revision 36	2.10.15-9	Revision 36
2.10.14-14	Revision 36	2.10.15-10	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

2.10.15-11	Revision 36	3.4-12	Revision 36
2.10.15-12	Revision 36	3.4-13	Revision 36
Chapter 3			
3-i	Revision LWT-06A	3.4-14	Revision 36
3-ii	Revision LWT-06A	3.4-15	Revision 36
3-iii	Revision LWT-06A	3.4-16	Revision 36
3-iv	Revision LWT-06A	3.4-17	Revision 36
3.1-1	Revision 37	3.4-18	Revision 36
3.1-2	Revision 37	3.4-19	Revision 36
3.2-1	Revision 36	3.4-20	Revision 36
3.2-2	Revision 36	3.4-21	Revision 36
3.2-3	Revision 36	3.4-22	Revision 36
3.2-4	Revision 36	3.4-23	Revision 36
3.2-5	Revision 36	3.4-24	Revision 36
3.2-6	Revision 36	3.4-25	Revision 36
3.2-7	Revision 36	3.4-26	Revision 36
3.2-8	Revision 36	3.4-27	Revision 36
3.2-9	Revision 36	3.4-28	Revision 36
3.2-10	Revision 36	3.4-29	Revision 37
3.2-11	Revision 36	3.4-30	Revision LWT-06A
3.3-1	Revision 36	3.4-31	Revision LWT-06A
3.3-2	Revision 36	3.4-32	Revision LWT-06A
3.4-1	Revision 36	3.4-33	Revision LWT-06A
3.4-2	Revision 36	3.4-34	Revision LWT-06A
3.4-3	Revision 36	3.4-35	Revision LWT-06A
3.4-4	Revision 36	3.4-36	Revision LWT-06A
3.4-5	Revision 36	3.4-37	Revision LWT-06A
3.4-6	Revision 36	3.4-38	Revision LWT-06A
3.4-7	Revision 36	3.4-39	Revision LWT-06A
3.4-8	Revision 36	3.4-40	Revision LWT-06A
3.4-9	Revision 36	3.4-41	Revision LWT-06A
3.4-10	Revision 36	3.4-42	Revision LWT-06A
3.4-11	Revision 36	3.4-43	Revision LWT-06A
		3.4-44	Revision LWT-06A
		3.4-45	Revision LWT-06A
		3.4-46	Revision LWT-06A

LIST OF EFFECTIVE PAGES (Continued)

3.4-47	Revision LWT-06A	3.4-82	Revision LWT-06A
3.4-48	Revision LWT-06A	3.5-1	Revision 36
3.4-49	Revision LWT-06A	3.5-2	Revision 36
3.4-50	Revision LWT-06A	3.5-3	Revision LWT-06G
3.4-51	Revision LWT-06A	3.5-4	Revision LWT-06G
3.4-52	Revision LWT-06A	3.5-5	Revision 36
3.4-53	Revision LWT-06A	3.5-6	Revision 36
3.4-54	Revision LWT-06A	3.5-7	Revision 36
3.4-55	Revision LWT-06A	3.5-8	Revision 36
3.4-56	Revision LWT-06A	3.5-9	Revision 36
3.4-57	Revision LWT-06A	3.5-10	Revision 36
3.4-58	Revision LWT-06A	3.5-11	Revision LWT-06A
3.4-59	Revision LWT-06A	3.5-12	Revision LWT-06A
3.4-60	Revision LWT-06A	3.5-13	Revision LWT-06A
3.4-61	Revision LWT-06A	3.5-14	Revision LWT-06A
3.4-62	Revision LWT-06A	3.5-15	Revision LWT-06A
3.4-63	Revision LWT-06A	3.5-16	Revision LWT-06A
3.4-64	Revision LWT-06A	3.5-17	Revision LWT-06A
3.4-65	Revision LWT-06A	3.5-18	Revision LWT-06A
3.4-66	Revision LWT-06A	3.5-19	Revision LWT-06A
3.4-67	Revision LWT-06A	3.5-20	Revision LWT-06A
3.4-68	Revision LWT-06A	3.5-21	Revision LWT-06A
3.4-69	Revision LWT-06A	3.5-22	Revision LWT-06A
3.4-70	Revision LWT-06A	3.5-23	Revision LWT-06A
3.4-71	Revision LWT-06A	3.5-24	Revision LWT-06A
3.4-72	Revision LWT-06A	3.5-25	Revision LWT-06A
3.4-73	Revision LWT-06A	3.5-26	Revision LWT-06A
3.4-74	Revision LWT-06A	3.5-27	Revision LWT-06A
3.4-75	Revision LWT-06A	3.5-28	Revision LWT-06A
3.4-76	Revision LWT-06A	3.5-29	Revision LWT-06A
3.4-77	Revision LWT-06A	3.5-30	Revision LWT-06A
3.4-78	Revision LWT-06A	3.5-31	Revision LWT-06G
3.4-79	Revision LWT-06A	3.5-32	Revision LWT-06A
3.4-80	Revision LWT-06A	3.5-33	Revision LWT-06A
3.4-81	Revision LWT-06A	3.5-34	Revision LWT-06A

LIST OF EFFECTIVE PAGES (Continued)

3.6-1	Revision 36	4.3-3	Revision 36
3.6-2	Revision 36	4.3-4	Revision 36
3.6-3	Revision 36	4.3-5	Revision 36
3.6-4	Revision 36	4.3-6	Revision 36
3.6-5	Revision 36	4.4-1	Revision 36
3.6-6	Revision 36	4.4-2	Revision 36
3.6-7	Revision 36	4.5-1	Revision 36
3.6-8	Revision 36	4.5-2	Revision 36
3.6-9	Revision 36	4.5-3	Revision 36
3.6-10	Revision 36	4.5-4	Revision 36
3.6-11	Revision 36	4.5-5	Revision 36
3.6-12	Revision 36	4.5-6	Revision 36

Chapter 4

4-i	Revision LWT-06A	4.5-7	Revision 36
4-ii	Revision 37	4.5-8	Revision 36
4-iii	Revision 37	4.5-9	Revision 36
4.1-1	Revision 36	4.5-10	Revision 36
4.1-2	Revision LWT-06G	4.5-11	Revision 36
4.1-3	Revision LWT-06G	4.5-12	Revision 36
4.2-1	Revision 37	4.5-13	Revision 36
4.2-2	Revision LWT-06A	4.5-14	Revision 36
4.2-3	Revision LWT-06A	4.5-15	Revision 36
4.2-4	Revision 37	4.5-16	Revision 36
4.2-5	Revision 37	4.5-17	Revision 36
4.2-6	Revision 37	4.5-18	Revision 36
4.2-7	Revision 37	4.5-19	Revision 36
4.2-8	Revision 37	4.5-20	Revision 36
4.2-9	Revision 37	4.5-21	Revision 36
4.2-10	Revision 36	4.5-22	Revision 36
4.2-11	Revision 36	4.5-23	Revision LWT-06G
4.2-12	Revision 36	4.5-24	Revision 36
4.3-1	Revision 37	4.5-25	Revision 36
4.3-2	Revision 36	4.5-26	Revision 36
		4.5-27	Revision 36
		4.5-28	Revision 36
		4.5-29	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

5-x	Revision LWT-06G	5.3-7	Revision 36
5-xi	Revision LWT-06G	5.3-8	Revision 36
5-1	Revision 36	5.3-9	Revision 36
5-2	Revision 36	5.3-10	Revision 36
5-3	Revision LWT-06A	5.3-11	Revision 36
5.1-1	Revision LWT-06A	5.3-12	Revision 36
5.1-2	Revision LWT-06A	5.3-13	Revision LWT-06G
5.1-3	Revision LWT-06A	5.3-14	Revision LWT-06G
5.1-4	Revision LWT-06A	5.3-15	Revision LWT-06G
5.1-5	Revision LWT-06A	5.3-16	Revision 36
5.1-6	Revision LWT-06A	5.3-17	Revision 36
5.1-7	Revision LWT-06A	5.3-18	Revision 36
5.1-8	Revision LWT-06A	5.3-19	Revision 36
5.1-9	Revision LWT-06A	5.3-20	Revision 36
5.1-10	Revision LWT-06C	5.3-21	Revision 36
5.1-11	Revision LWT-06A	5.3-22	Revision 36
5.1-12	Revision LWT-06A	5.3-23	Revision 36
5.1-13	Revision LWT-06A	5.3-24	Revision 36
5.1-14	Revision LWT-06A	5.3-25	Revision 36
5.1-15	Revision LWT-06A	5.3-26	Revision 36
5.1-16	Revision LWT-06A	5.3-27	Revision 36
5.1-17	Revision LWT-06A	5.3-28	Revision 36
5.2-1	Revision 36	5.3-29	Revision 36
5.2-2	Revision 36	5.3-30	Revision 36
5.2-3	Revision 36	5.3-31	Revision 36
5.2-4	Revision 36	5.3-32	Revision 36
5.2-5	Revision 36	5.3-33	Revision 36
5.2-6	Revision 36	5.3-34	Revision 36
5.2-7	Revision 36	5.3-35	Revision 36
5.3-1	Revision 36	5.3-36	Revision 36
5.3-2	Revision 36	5.3-37	Revision 36
5.3-3	Revision 36	5.3-38	Revision 36
5.3-4	Revision 36	5.3-39	Revision 36
5.3-5	Revision 36	5.3-40	Revision 36
5.3-6	Revision 36	5.3-41	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

5.3-42	Revision 36	5.3-77	Revision 36
5.3-43	Revision 36	5.3-78	Revision 36
5.3-44	Revision 36	5.3-79	Revision 36
5.3-45	Revision 36	5.3-80	Revision 36
5.3-46	Revision 36	5.3-81	Revision 36
5.3-47	Revision 36	5.3-82	Revision 36
5.3-48	Revision 36	5.3-83	Revision 36
5.3-49	Revision 36	5.3-84	Revision 36
5.3-50	Revision 36	5.3-85	Revision 36
5.3-51	Revision 36	5.3-86	Revision 36
5.3-52	Revision 36	5.3-87	Revision 36
5.3-53	Revision 36	5.3-88	Revision 36
5.3-54	Revision 36	5.3-89	Revision LWT-06A
5.3-55	Revision 36	5.3-90	Revision LWT-06A
5.3-56	Revision 36	5.3-91	Revision LWT-06A
5.3-57	Revision 36	5.3-92	Revision LWT-06A
5.3-58	Revision 36	5.3-93	Revision LWT-06A
5.3-59	Revision 36	5.3-94	Revision LWT-06A
5.3-60	Revision 36	5.3-95	Revision LWT-06A
5.3-61	Revision 36	5.3-96	Revision LWT-06A
5.3-62	Revision 36	5.3-97	Revision LWT-06A
5.3-63	Revision 36	5.3-98	Revision LWT-06A
5.3-64	Revision 36	5.3-99	Revision LWT-06A
5.3-65	Revision 36	5.3-100	Revision LWT-06A
5.3-66	Revision 36	5.3-101	Revision LWT-06A
5.3-67	Revision 37	5.3-102	Revision LWT-06A
5.3-68	Revision 37	5.3-103	Revision LWT-06A
5.3-69	Revision 36	5.3-104	Revision LWT-06A
5.3-70	Revision 36	5.3-105	Revision LWT-06A
5.3-71	Revision 36	5.3-106	Revision LWT-06A
5.3-72	Revision 36	5.3-107	Revision LWT-06A
5.3-73	Revision 36	5.3-108	Revision LWT-06A
5.3-74	Revision 36	5.3-109	Revision LWT-06A
5.3-75	Revision 36	5.3-110	Revision LWT-06A
5.3-76	Revision 36	5.3-111	Revision LWT-06A

LIST OF EFFECTIVE PAGES (Continued)

5.3-112	Revision LWT-06A	5.3-147	Revision LWT-06A
5.3-113	Revision LWT-06A	5.3-148	Revision LWT-06A
5.3-114	Revision LWT-06A	5.3-149	Revision LWT-06A
5.3-115	Revision LWT-06A	5.3-150	Revision LWT-06A
5.3-116	Revision LWT-06A	5.3-151	Revision LWT-06A
5.3-117	Revision LWT-06A	5.3-152	Revision LWT-06A
5.3-118	Revision LWT-06A	5.3-153	Revision LWT-06A
5.3-119	Revision LWT-06A	5.3-154	Revision LWT-06A
5.3-120	Revision LWT-06A	5.3-155	Revision LWT-06A
5.3-121	Revision LWT-06A	5.3-156	Revision LWT-06A
5.3-122	Revision LWT-06A	5.3-157	Revision LWT-06A
5.3-123	Revision LWT-06A	5.3-158	Revision LWT-06A
5.3-124	Revision LWT-06A	5.3-159	Revision LWT-06A
5.3-125	Revision LWT-06A	5.3-160	Revision LWT-06A
5.3-126	Revision LWT-06A	5.3-161	Revision LWT-06A
5.3-127	Revision LWT-06A	5.3-162	Revision LWT-06A
5.3-128	Revision LWT-06A	5.3-163	Revision LWT-06A
5.3-129	Revision LWT-06A	5.3-164	Revision LWT-06A
5.3-130	Revision LWT-06A	5.3-165	Revision LWT-06A
5.3-131	Revision LWT-06A	5.3-166	Revision LWT-06A
5.3-132	Revision LWT-06A	5.3-167	Revision LWT-06A
5.3-133	Revision LWT-06A	5.3-168	Revision LWT-06A
5.3-134	Revision LWT-06A	5.3-169	Revision LWT-06A
5.3-135	Revision LWT-06A	5.3-170	Revision LWT-06A
5.3-136	Revision LWT-06A	5.3-171	Revision LWT-06A
5.3-137	Revision LWT-06A	5.3-172	Revision LWT-06A
5.3-138	Revision LWT-06A	5.3-173	Revision LWT-06A
5.3-139	Revision LWT-06A	5.3-174	Revision LWT-06A
5.3-140	Revision LWT-06A	5.3-175	Revision LWT-06A
5.3-141	Revision LWT-06A	5.3-176	Revision LWT-06A
5.3-142	Revision LWT-06A	5.3-177	Revision LWT-06A
5.3-143	Revision LWT-06A	5.3-178	Revision LWT-06A
5.3-144	Revision LWT-06A	5.3-179	Revision LWT-06A
5.3-145	Revision LWT-06A	5.3-180	Revision LWT-06A
5.3-146	Revision LWT-06A	5.3-181	Revision LWT-06A

LIST OF EFFECTIVE PAGES (Continued)

5.3-182	Revision LWT-06A	5.3-217	Revision LWT-06A
5.3-183	Revision LWT-06A	5.3-218	Revision LWT-06A
5.3-184	Revision LWT-06A	5.3-219	Revision LWT-06A
5.3-185	Revision LWT-06A	5.3-220	Revision LWT-06A
5.3-186	Revision LWT-06A	5.3-221	Revision LWT-06A
5.3-187	Revision LWT-06A	5.3-222	Revision LWT-06A
5.3-188	Revision LWT-06A	5.3-223	Revision LWT-06A
5.3-189	Revision LWT-06A	5.3-224	Revision LWT-06A
5.3-190	Revision LWT-06A	5.3-225	Revision LWT-06A
5.3-191	Revision LWT-06A	5.3-226	Revision LWT-06A
5.3-192	Revision LWT-06A	5.3-227	Revision LWT-06A
5.3-193	Revision LWT-06A	5.3-228	Revision LWT-06A
5.3-194	Revision LWT-06A	5.3-229	Revision LWT-06A
5.3-195	Revision LWT-06A	5.3-230	Revision LWT-06A
5.3-196	Revision LWT-06A	5.3-231	Revision LWT-06A
5.3-197	Revision LWT-06A	5.3-232	Revision LWT-06A
5.3-198	Revision LWT-06A	5.3-233	Revision LWT-06A
5.3-199	Revision LWT-06A	5.3-234	Revision LWT-06A
5.3-200	Revision LWT-06A	5.3-235	Revision LWT-06A
5.3-201	Revision LWT-06A	5.3-236	Revision LWT-06A
5.3-202	Revision LWT-06A	5.3-237	Revision LWT-06A
5.3-203	Revision LWT-06A	5.3-238	Revision LWT-06A
5.3-204	Revision LWT-06A	5.3-239	Revision LWT-06A
5.3-205	Revision LWT-06A	5.3-240	Revision LWT-06A
5.3-206	Revision LWT-06A	5.3-241	Revision LWT-06A
5.3-207	Revision LWT-06A	5.3-242	Revision LWT-06A
5.3-208	Revision LWT-06A	5.3-243	Revision LWT-06A
5.3-209	Revision LWT-06A	5.3-244	Revision LWT-06A
5.3-210	Revision LWT-06A	5.3-245	Revision LWT-06A
5.3-211	Revision LWT-06A	5.3-246	Revision LWT-06A
5.3-212	Revision LWT-06A	5.3-247	Revision LWT-06A
5.3-213	Revision LWT-06A	5.3-248	Revision LWT-06A
5.3-214	Revision LWT-06A	5.3-249	Revision LWT-06A
5.3-215	Revision LWT-06A	5.3-250	Revision LWT-06A
5.3-216	Revision LWT-06A	5.3-251	Revision LWT-06A

LIST OF EFFECTIVE PAGES (Continued)

5.3-252	Revision LWT-06A	6-xiii.....	Revision LWT-06G
5.3-253	Revision LWT-06A	6-xiv.....	Revision LWT-06G
5.3-254	Revision LWT-06A	6-1	Revision LWT-07A
5.3-255	Revision LWT-06A	6.1-1	Revision 36
5.3-256	Revision LWT-06A	6.1-2	Revision LWT-06G
5.3-257	Revision LWT-06G	6.1-3	Revision 36
5.3-258	Revision LWT-06G	6.1-4	Revision LWT-06A
5.3-259	Revision LWT-06G	6.2-1	Revision LWT-06A
5.3-260	Revision LWT-06G	6.2-2	Revision 36
5.3-261	Revision LWT-06G	6.2-3	Revision 36
5.3-262	Revision LWT-06G	6.2-4	Revision 36
5.3-263	Revision LWT-06G	6.2-5	Revision 36
5.3-264	Revision LWT-06G	6.2-6	Revision 36
5.3-265	Revision LWT-06G	6.2-7	Revision 36
5.4-1	Revision 36	6.2-8	Revision 36
5.4-2	Revision 36	6.2-9	Revision 36
5.4-3	Revision 36	6.2-10	Revision 36
5.4-4	Revision 36	6.2-11	Revision 36
5.4-5	Revision 36	6.2-12	Revision 36
5.4-6	Revision 36	6.2-13	Revision 36
		6.2-14	Revision 36
		6.2-15	Revision 36
		6.2-16	Revision 36
		6.2-17	Revision 36
		6.2-18	Revision 36
		6.2-19	Revision 36
		6.2-20	Revision 36
		6.2-21	Revision 36
		6.2-22	Revision 36
		6.2-23	Revision 36
		6.2-24	Revision 36
		6.2-25	Revision 36
		6.2-26	Revision 36
		6.2-27	Revision 36
		6.2-28	Revision 36

Chapter 6

6-i.....	Revision LWT-06G
6-ii.....	Revision LWT-06G
6-iii.....	Revision LWT-06A
6-iv.....	Revision LWT-06G
6-v.....	Revision LWT-06G
6-vi.....	Revision LWT-06G
6-vii.....	Revision LWT-06G
6-viii.....	Revision LWT-06A
6-ix.....	Revision LWT-06A
6-x.....	Revision LWT-06A
6-xi.....	Revision LWT-06G
6-xii.....	Revision LWT-06G

LIST OF EFFECTIVE PAGES (Continued)

6.2-29	Revision 36	6.3-23	Revision 36
6.2-30	Revision 36	6.3-24	Revision 36
6.2-31	Revision 36	6.3-25	Revision 36
6.2-32	Revision 37	6.3-26	Revision 36
6.2-33	Revision 37	6.3-27	Revision 36
6.2-34	Revision 37	6.3-28	Revision LWT-06G
6.2-35	Revision LWT-06A	6.3-29	Revision LWT-06G
6.2-36	Revision LWT-06A	6.3-30	Revision LWT-06G
6.2-37	Revision LWT-06A	6.3-31	Revision LWT-06G
6.2-38	Revision LWT-06A	6.3-32	Revision 36
6.2-39	Revision LWT-06A	6.3-33	Revision 36
6.2-40	Revision LWT-06A	6.3-34	Revision 36
6.2-41	Revision LWT-06A	6.3-35	Revision 36
6.3-1	Revision LWT-06A	6.3-36	Revision 36
6.3-2	Revision 36	6.3-37	Revision 36
6.3-3	Revision 36	6.3-38	Revision LWT-06G
6.3-4	Revision 36	6.3-39	Revision 36
6.3-5	Revision 36	6.3-40	Revision LWT-06A
6.3-6	Revision 36	6.3-41	Revision 36
6.3-7	Revision 36	6.3-42	Revision 36
6.3-8	Revision 36	6.3-43	Revision 36
6.3-9	Revision 36	6.3-44	Revision 36
6.3-10	Revision 36	6.3-45	Revision 36
6.3-11	Revision 36	6.3-46	Revision 36
6.3-12	Revision 36	6.3-47	Revision 36
6.3-13	Revision 36	6.3-48	Revision 36
6.3-14	Revision 36	6.3-49	Revision 36
6.3-15	Revision 36	6.3-50	Revision 36
6.3-16	Revision 36	6.3-51	Revision 36
6.3-17	Revision 36	6.3-52	Revision 37
6.3-18	Revision 36	6.3-53	Revision 37
6.3-19	Revision 36	6.3-54	Revision 37
6.3-20	Revision 36	6.3-55	Revision 37
6.3-21	Revision 36	6.3-56	Revision 37
6.3-22	Revision 36	6.3-57	Revision 37

LIST OF EFFECTIVE PAGES (Continued)

6.3-58	Revision 37	6.4-28	Revision 36
6.3-59	Revision LWT-06A	6.4-29	Revision 36
6.3-60	Revision LWT-06A	6.4-30	Revision 36
6.3-61	Revision LWT-06A	6.4-31	Revision 36
6.3-62	Revision LWT-06A	6.4-32	Revision 36
6.3-63	Revision LWT-06A	6.4-33	Revision 36
6.3-64	Revision LWT-06A	6.4-34	Revision 36
6.3-65	Revision LWT-06A	6.4-35	Revision 36
6.4-1	Revision 37	6.4-36	Revision 36
6.4-2	Revision 36	6.4-37	Revision 36
6.4-3	Revision 36	6.4-38	Revision 36
6.4-4	Revision 36	6.4-39	Revision 36
6.4-5	Revision 36	6.4-40	Revision 36
6.4-6	Revision 36	6.4-41	Revision 36
6.4-7	Revision 36	6.4-42	Revision 36
6.4-8	Revision 36	6.4-43	Revision 36
6.4-9	Revision 36	6.4-44	Revision 36
6.4-10	Revision 36	6.4-45	Revision 36
6.4-11	Revision 36	6.4-46	Revision 36
6.4-12	Revision 36	6.4-47	Revision 36
6.4-13	Revision 36	6.4-48	Revision 36
6.4-14	Revision 36	6.4-49	Revision 36
6.4-15	Revision 36	6.4-50	Revision 36
6.4-16	Revision 36	6.4-51	Revision 36
6.4-17	Revision 36	6.4-52	Revision 36
6.4-18	Revision 36	6.4-53	Revision 36
6.4-19	Revision 36	6.4-54	Revision 36
6.4-20	Revision 36	6.4-55	Revision 36
6.4-21	Revision 36	6.4-56	Revision 36
6.4-22	Revision 36	6.4-57	Revision 36
6.4-23	Revision 36	6.4-58	Revision 36
6.4-24	Revision 36	6.4-59	Revision 36
6.4-25	Revision 36	6.4-60	Revision 36
6.4-26	Revision 36	6.4-61	Revision 36
6.4-27	Revision 36	6.4-62	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.4-63	Revision 36	6.4-98	Revision LWT-06G
6.4-64	Revision 36	6.4-99	Revision LWT-06G
6.4-65	Revision 36	6.4-100	Revision LWT-06G
6.4-66	Revision 36	6.4-101	Revision LWT-06G
6.4-67	Revision 36	6.4-102	Revision LWT-06G
6.4-68	Revision 36	6.4-103	Revision LWT-06G
6.4-69	Revision 36	6.4-104	Revision LWT-06G
6.4-70	Revision 36	6.4-105	Revision LWT-06G
6.4-71	Revision 36	6.4-106	Revision LWT-06G
6.4-72	Revision 36	6.4-107	Revision LWT-06G
6.4-73	Revision 36	6.4-108	Revision LWT-06G
6.4-74	Revision 36	6.4-109	Revision LWT-06G
6.4-75	Revision 36	6.4-110	Revision LWT-06G
6.4-76	Revision 36	6.4-111	Revision LWT-06G
6.4-77	Revision LWT-06G	6.4-112	Revision LWT-06G
6.4-78	Revision LWT-06G	6.4-113	Revision LWT-06G
6.4-79	Revision LWT-06G	6.4-114	Revision LWT-06G
6.4-80	Revision LWT-06G	6.4-115	Revision LWT-06G
6.4-81	Revision LWT-06G	6.4-116	Revision LWT-06G
6.4-82	Revision LWT-06G	6.4-117	Revision LWT-06G
6.4-83	Revision LWT-06G	6.4-118	Revision LWT-06G
6.4-84	Revision LWT-06G	6.4-119	Revision LWT-06G
6.4-85	Revision LWT-06G	6.4-120	Revision LWT-06G
6.4-86	Revision LWT-06G	6.4-121	Revision LWT-06G
6.4-87	Revision LWT-06G	6.4-122	Revision LWT-06G
6.4-88	Revision LWT-06G	6.4-123	Revision LWT-06G
6.4-89	Revision LWT-06G	6.4-124	Revision LWT-06G
6.4-90	Revision LWT-06G	6.4-125	Revision LWT-06G
6.4-91	Revision LWT-06G	6.4-126	Revision LWT-06G
6.4-92	Revision LWT-06G	6.4-127	Revision LWT-06G
6.4-93	Revision LWT-06G	6.4-128	Revision LWT-06G
6.4-94	Revision LWT-06G	6.4-129	Revision LWT-06G
6.4-95	Revision LWT-06G	6.4-130	Revision LWT-06G
6.4-96	Revision LWT-06G	6.4-131	Revision LWT-06G
6.4-97	Revision LWT-06G	6.4-132	Revision LWT-06G

LIST OF EFFECTIVE PAGES (Continued)

6.4-133	Revision LWT-06G	6.4-168	Revision LWT-06G
6.4-134	Revision LWT-06G	6.4-169	Revision LWT-06G
6.4-135	Revision LWT-06G	6.4-170	Revision LWT-06G
6.4-136	Revision LWT-06G	6.4-171	Revision LWT-06G
6.4-137	Revision LWT-06G	6.4-172	Revision LWT-06G
6.4-138	Revision LWT-06G	6.4-173	Revision LWT-06G
6.4-139	Revision LWT-06G	6.4-174	Revision LWT-06G
6.4-140	Revision LWT-06G	6.4-175	Revision LWT-06G
6.4-141	Revision LWT-06G	6.5-1	Revision 36
6.4-142	Revision LWT-06G	6.5-2	Revision 36
6.4-143	Revision LWT-06G	6.5-3	Revision 36
6.4-144	Revision LWT-06G	6.5-4	Revision 36
6.4-145	Revision LWT-06G	6.5-5	Revision 36
6.4-146	Revision LWT-06G	6.5-6	Revision 36
6.4-147	Revision LWT-06G	6.5-7	Revision 36
6.4-148	Revision LWT-06G	6.5-8	Revision 36
6.4-149	Revision LWT-06G	6.5-9	Revision 36
6.4-150	Revision LWT-06G	6.5-10	Revision 36
6.4-151	Revision LWT-06G	6.5-11	Revision 36
6.4-152	Revision LWT-06G	6.5-12	Revision 36
6.4-153	Revision LWT-06G	6.5-13	Revision 36
6.4-154	Revision LWT-06G	6.5-14	Revision LWT-06A
6.4-155	Revision LWT-06G	6.5-15	Revision 36
6.4-156	Revision LWT-06G	6.5-16	Revision 36
6.4-157	Revision LWT-06G	6.5-17	Revision 36
6.4-158	Revision LWT-06G	6.5-18	Revision 36
6.4-159	Revision LWT-06G	6.5-19	Revision 36
6.4-160	Revision LWT-06G	6.6-1	Revision 36
6.4-161	Revision LWT-06G	6.6-2	Revision 36
6.4-162	Revision LWT-06G	6.6-3	Revision 36
6.4-163	Revision LWT-06G	6.6-4	Revision 36
6.4-164	Revision LWT-06G	6.6-5	Revision 36
6.4-165	Revision LWT-06G	6.6-6	Revision 36
6.4-166	Revision LWT-06G	6.6-7	Revision 36
6.4-167	Revision LWT-06G	6.6-8	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-9	Revision 36	6.6-44	Revision 36
6.6-10	Revision 36	6.6-45	Revision 36
6.6-11	Revision 36	6.6-46	Revision 36
6.6-12	Revision 36	6.6-47	Revision 36
6.6-13	Revision 36	6.6-48	Revision 36
6.6-14	Revision 36	6.6-49	Revision 36
6.6-15	Revision 36	6.6-50	Revision 36
6.6-16	Revision 36	6.6-51	Revision 36
6.6-17	Revision 36	6.6-52	Revision 36
6.6-18	Revision 36	6.6-53	Revision 36
6.6-19	Revision 36	6.6-54	Revision 36
6.6-20	Revision 36	6.6-55	Revision 36
6.6-21	Revision 36	6.6-56	Revision 36
6.6-22	Revision 36	6.6-57	Revision 36
6.6-23	Revision 36	6.6-58	Revision 36
6.6-24	Revision 36	6.6-59	Revision 36
6.6-25	Revision 36	6.6-60	Revision 36
6.6-26	Revision 36	6.6-61	Revision 36
6.6-27	Revision 36	6.6-62	Revision 36
6.6-28	Revision 36	6.6-63	Revision 36
6.6-29	Revision 36	6.6-64	Revision 36
6.6-30	Revision 36	6.6-65	Revision 36
6.6-31	Revision 36	6.6-66	Revision 36
6.6-32	Revision 36	6.6-67	Revision 36
6.6-33	Revision 36	6.6-68	Revision 36
6.6-34	Revision 36	6.6-69	Revision 36
6.6-35	Revision 36	6.6-70	Revision 36
6.6-36	Revision 36	6.6-71	Revision 36
6.6-37	Revision 36	6.6-72	Revision 36
6.6-38	Revision 36	6.6-73	Revision 36
6.6-39	Revision 36	6.6-74	Revision 36
6.6-40	Revision 36	6.6-75	Revision 36
6.6-41	Revision 36	6.6-76	Revision 36
6.6-42	Revision 36	6.6-77	Revision 36
6.6-43	Revision 36	6.6-78	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-79	Revision 36	6.6-114	Revision 36
6.6-80	Revision 36	6.6-115	Revision 36
6.6-81	Revision 36	6.6-116	Revision 36
6.6-82	Revision 36	6.6-117	Revision 36
6.6-83	Revision 36	6.6-118	Revision 36
6.6-84	Revision 36	6.6-119	Revision 36
6.6-85	Revision 36	6.6-120	Revision 36
6.6-86	Revision 36	6.6-121	Revision 36
6.6-87	Revision 36	6.6-122	Revision 36
6.6-88	Revision 36	6.6-123	Revision 36
6.6-89	Revision 36	6.6-124	Revision 36
6.6-90	Revision 36	6.6-125	Revision 36
6.6-91	Revision 36	6.6-126	Revision 36
6.6-92	Revision 36	6.6-127	Revision 36
6.6-93	Revision 36	6.6-128	Revision 36
6.6-94	Revision 36	6.6-129	Revision 36
6.6-95	Revision 36	6.6-130	Revision 36
6.6-96	Revision 36	6.6-131	Revision 36
6.6-97	Revision 36	6.6-132	Revision 36
6.6-98	Revision 36	6.6-133	Revision 36
6.6-99	Revision 36	6.6-134	Revision 36
6.6-100	Revision 36	6.6-135	Revision 36
6.6-101	Revision 36	6.6-136	Revision 36
6.6-102	Revision 36	6.6-137	Revision 36
6.6-103	Revision 36	6.6-138	Revision 36
6.6-104	Revision 36	6.6-139	Revision 36
6.6-105	Revision 36	6.6-140	Revision 36
6.6-106	Revision 36	6.6-141	Revision 36
6.6-107	Revision 36	6.6-142	Revision 36
6.6-108	Revision 36	6.6-143	Revision 36
6.6-109	Revision 36	6.6-144	Revision 36
6.6-110	Revision 36	6.6-145	Revision 36
6.6-111	Revision 36	6.6-146	Revision 36
6.6-112	Revision 36	6.6-147	Revision 36
6.6-113	Revision 36	6.6-148	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-149	Revision 36	6.6-184	Revision 36
6.6-150	Revision 36	6.6-185	Revision 36
6.6-151	Revision 36	6.6-186	Revision 36
6.6-152	Revision 36	6.6-187	Revision 36
6.6-153	Revision 36	6.6-188	Revision 36
6.6-154	Revision 36	6.6-189	Revision 36
6.6-155	Revision 36	6.6-190	Revision 36
6.6-156	Revision 36	6.6-191	Revision 36
6.6-157	Revision 36	6.6-192	Revision 36
6.6-158	Revision 36	6.6-193	Revision 36
6.6-159	Revision 36	6.6-194	Revision 36
6.6-160	Revision 36	6.6-195	Revision 36
6.6-161	Revision 36	6.6-196	Revision 36
6.6-162	Revision 36	6.6-197	Revision 36
6.6-163	Revision 36	6.6-198	Revision 36
6.6-164	Revision 36	6.6-199	Revision 36
6.6-165	Revision 36	6.6-200	Revision 36
6.6-166	Revision 36	6.6-201	Revision 36
6.6-167	Revision 36	6.6-202	Revision 36
6.6-168	Revision 36	6.6-203	Revision 36
6.6-169	Revision 36	6.6-204	Revision 36
6.6-170	Revision 36	6.6-205	Revision 36
6.6-171	Revision 36	6.6-206	Revision 36
6.6-172	Revision 36	6.6-207	Revision 36
6.6-173	Revision 36	6.6-208	Revision 36
6.6-174	Revision 36	6.6-209	Revision 36
6.6-175	Revision 36	6.6-210	Revision 36
6.6-176	Revision 36	6.6-211	Revision 36
6.6-177	Revision 36	6.6-212	Revision 36
6.6-178	Revision 36	6.6-213	Revision 36
6.6-179	Revision 36	6.6-214	Revision 36
6.6-180	Revision 36	6.6-215	Revision 36
6.6-181	Revision 36	6.6-216	Revision 36
6.6-182	Revision 36	6.6-217	Revision 36
6.6-183	Revision 36	6.6-218	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-219	Revision 36	6.6-254	Revision 36
6.6-220	Revision 36	6.6-255	Revision 36
6.6-221	Revision 36	6.6-256	Revision 36
6.6-222	Revision 36	6.6-257	Revision 36
6.6-223	Revision 36	6.6-258	Revision 36
6.6-224	Revision 36	6.6-259	Revision 36
6.6-225	Revision 36	6.6-260	Revision 36
6.6-226	Revision 36	6.6-261	Revision 36
6.6-227	Revision 36	6.6-262	Revision 36
6.6-228	Revision 36	6.6-263	Revision 36
6.6-229	Revision 36	6.6-264	Revision 36
6.6-230	Revision 36	6.6-265	Revision 36
6.6-231	Revision 36	6.6-266	Revision 36
6.6-232	Revision 36	6.6-267	Revision 36
6.6-233	Revision 36	6.6-268	Revision 36
6.6-234	Revision 36	6.6-269	Revision 36
6.6-235	Revision 36	6.6-270	Revision 36
6.6-236	Revision 36	6.6-271	Revision 36
6.6-237	Revision 36	6.6-272	Revision 36
6.6-238	Revision 36	6.6-273	Revision 36
6.6-239	Revision 36	6.6-274	Revision 36
6.6-240	Revision 36	6.6-275	Revision 36
6.6-241	Revision 36	6.6-276	Revision 36
6.6-242	Revision 36	6.6-277	Revision 36
6.6-243	Revision 36	6.6-278	Revision 36
6.6-244	Revision 36	6.6-279	Revision 36
6.6-245	Revision 36	6.6-280	Revision 36
6.6-246	Revision 36	6.6-281	Revision 36
6.6-247	Revision 36	6.6-282	Revision 36
6.6-248	Revision 36	6.6-283	Revision 36
6.6-249	Revision 36	6.6-284	Revision 36
6.6-250	Revision 36	6.6-285	Revision 36
6.6-251	Revision 36	6.6-286	Revision 36
6.6-252	Revision 36	6.6-287	Revision 36
6.6-253	Revision 36	6.6-288	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-289	Revision 36	6.6-324	Revision 36
6.6-290	Revision 36	6.6-325	Revision 36
6.6-291	Revision 36	6.6-326	Revision 36
6.6-292	Revision 36	6.6-327	Revision 36
6.6-293	Revision 36	6.6-328	Revision 36
6.6-294	Revision 36	6.6-329	Revision 36
6.6-295	Revision 36	6.6-330	Revision 36
6.6-296	Revision 36	6.6-331	Revision 36
6.6-297	Revision 36	6.6-332	Revision 36
6.6-298	Revision 36	6.6-333	Revision 36
6.6-299	Revision 36	6.6-334	Revision 36
6.6-300	Revision 36	6.6-335	Revision 36
6.6-301	Revision 36	6.6-336	Revision 36
6.6-302	Revision 36	6.6-337	Revision 36
6.6-303	Revision 36	6.6-338	Revision 36
6.6-304	Revision 36	6.6-339	Revision 36
6.6-305	Revision 36	6.6-340	Revision 36
6.6-306	Revision 36	6.6-341	Revision 36
6.6-307	Revision 36	6.6-342	Revision 36
6.6-308	Revision 36	6.6-343	Revision 36
6.6-309	Revision 36	6.6-344	Revision 36
6.6-310	Revision 36	6.6-345	Revision 36
6.6-311	Revision 36	6.6-346	Revision 36
6.6-312	Revision 36	6.6-347	Revision 36
6.6-313	Revision 36	6.6-348	Revision 36
6.6-314	Revision 36	6.6-349	Revision 36
6.6-315	Revision 36	6.6-350	Revision 36
6.6-316	Revision 36	6.6-351	Revision 36
6.6-317	Revision 36	6.6-352	Revision 36
6.6-318	Revision 36	6.6-353	Revision 36
6.6-319	Revision 36	6.6-354	Revision 36
6.6-320	Revision 36	6.6-355	Revision 36
6.6-321	Revision 36	6.6-356	Revision 36
6.6-322	Revision 36	6.6-357	Revision 36
6.6-323	Revision 36	6.6-358	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-359	Revision 36	6.6-394	Revision 36
6.6-360	Revision 36	6.6-395	Revision 36
6.6-361	Revision 36	6.6-396	Revision 36
6.6-362	Revision 36	6.6-397	Revision 36
6.6-363	Revision 36	6.6-398	Revision 36
6.6-364	Revision 36	6.6-399	Revision 36
6.6-365	Revision 36	6.6-400	Revision 36
6.6-366	Revision 36	6.6-401	Revision 36
6.6-367	Revision 36	6.6-402	Revision 36
6.6-368	Revision 36	6.6-403	Revision 36
6.6-369	Revision 36	6.6-404	Revision 36
6.6-370	Revision 36	6.6-405	Revision 36
6.6-371	Revision 36	6.6-406	Revision 36
6.6-372	Revision 36	6.6-407	Revision 36
6.6-373	Revision 36	6.6-408	Revision 36
6.6-374	Revision 36	6.6-409	Revision 36
6.6-375	Revision 36	6.6-410	Revision 36
6.6-376	Revision 36	6.6-411	Revision 36
6.6-377	Revision 36	6.6-412	Revision 36
6.6-378	Revision 36	6.6-413	Revision 36
6.6-379	Revision 36	6.6-414	Revision 36
6.6-380	Revision 36	6.6-415	Revision 36
6.6-381	Revision 36	6.6-416	Revision 36
6.6-382	Revision 36	6.6-417	Revision 36
6.6-383	Revision 36	6.6-418	Revision 36
6.6-384	Revision 36	6.6-419	Revision 36
6.6-385	Revision 36	6.6-420	Revision 36
6.6-386	Revision 36	6.6-421	Revision 36
6.6-387	Revision 36	6.6-422	Revision 36
6.6-388	Revision 36	6.6-423	Revision 36
6.6-389	Revision 36	6.6-424	Revision 36
6.6-390	Revision 36	6.6-425	Revision 36
6.6-391	Revision 36	6.6-426	Revision 36
6.6-392	Revision 36	6.6-427	Revision 36
6.6-393	Revision 36	6.6-428	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-429	Revision 36	6.6-464	Revision 36
6.6-430	Revision 36	6.6-465	Revision 36
6.6-431	Revision 36	6.6-466	Revision 36
6.6-432	Revision 36	6.6-467	Revision 36
6.6-433	Revision 36	6.6-468	Revision 36
6.6-434	Revision 36	6.6-469	Revision 36
6.6-435	Revision 36	6.6-470	Revision 36
6.6-436	Revision 36	6.6-471	Revision 36
6.6-437	Revision 36	6.6-472	Revision 36
6.6-438	Revision 36	6.6-473	Revision 36
6.6-439	Revision 36	6.6-474	Revision 36
6.6-440	Revision 36	6.6-475	Revision 36
6.6-441	Revision 36	6.6-476	Revision 36
6.6-442	Revision 36	6.6-477	Revision 36
6.6-443	Revision 36	6.6-478	Revision 36
6.6-444	Revision 36	6.6-479	Revision 36
6.6-445	Revision 36	6.6-480	Revision 36
6.6-446	Revision 36	6.6-481	Revision 36
6.6-447	Revision 36	6.6-482	Revision 36
6.6-448	Revision 36	6.6-483	Revision 36
6.6-449	Revision 36	6.6-484	Revision 36
6.6-450	Revision 36	6.6-485	Revision 36
6.6-451	Revision 36	6.6-486	Revision 36
6.6-452	Revision 36	6.6-487	Revision 36
6.6-453	Revision 36	6.6-488	Revision 36
6.6-454	Revision 36	6.6-489	Revision 36
6.6-455	Revision 36	6.6-490	Revision 36
6.6-456	Revision 36	6.6-491	Revision 36
6.6-457	Revision 36	6.6-492	Revision 36
6.6-458	Revision 36	6.6-493	Revision 36
6.6-459	Revision 36	6.6-494	Revision 36
6.6-460	Revision 36	6.6-495	Revision 36
6.6-461	Revision 36	6.6-496	Revision 36
6.6-462	Revision 36	6.6-497	Revision 36
6.6-463	Revision 36	6.6-498	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-499	Revision 36	6.6-534	Revision 36
6.6-500	Revision 36	6.6-535	Revision 36
6.6-501	Revision 36	6.6-536	Revision 36
6.6-502	Revision 36	6.6-537	Revision 36
6.6-503	Revision 36	6.6-538	Revision 36
6.6-504	Revision 36	6.6-539	Revision 36
6.6-505	Revision 36	6.6-540	Revision 36
6.6-506	Revision 36	6.6-541	Revision 36
6.6-507	Revision 36	6.6-542	Revision 36
6.6-508	Revision 36	6.6-543	Revision 36
6.6-509	Revision 36	6.6-544	Revision 36
6.6-510	Revision 36	6.6-545	Revision 36
6.6-511	Revision 36	6.6-546	Revision 36
6.6-512	Revision 36	6.6-547	Revision 36
6.6-513	Revision 36	6.6-548	Revision 36
6.6-514	Revision 36	6.6-549	Revision 36
6.6-515	Revision 36	6.6-550	Revision 36
6.6-516	Revision 36	6.6-551	Revision 36
6.6-517	Revision 36	6.6-552	Revision 36
6.6-518	Revision 36	6.6-553	Revision 36
6.6-519	Revision 36	6.6-554	Revision 36
6.6-520	Revision 36	6.6-555	Revision 36
6.6-521	Revision 36	6.6-556	Revision 36
6.6-522	Revision 36	6.6-557	Revision 36
6.6-523	Revision 36	6.6-558	Revision 36
6.6-524	Revision 36	6.6-559	Revision 36
6.6-525	Revision 36	6.6-560	Revision 36
6.6-526	Revision 36	6.6-561	Revision 36
6.6-527	Revision 36	6.6-562	Revision 36
6.6-528	Revision 36	6.6-563	Revision 36
6.6-529	Revision 36	6.6-564	Revision 36
6.6-530	Revision 36	6.6-565	Revision 36
6.6-531	Revision 36	6.6-566	Revision 36
6.6-532	Revision 36	6.6-567	Revision 36
6.6-533	Revision 36	6.6-568	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-569	Revision 36	6.6-604	Revision 36
6.6-570	Revision 36	6.6-605	Revision 36
6.6-571	Revision 36	6.6-606	Revision 36
6.6-572	Revision 36	6.6-607	Revision 36
6.6-573	Revision 36	6.6-608	Revision 36
6.6-574	Revision 36	6.6-609	Revision 36
6.6-575	Revision 36	6.6-610	Revision 36
6.6-576	Revision 36	6.6-611	Revision 36
6.6-577	Revision 36	6.6-612	Revision 36
6.6-578	Revision 36	6.6-613	Revision 36
6.6-579	Revision 36	6.6-614	Revision 36
6.6-580	Revision 36	6.6-615	Revision 36
6.6-581	Revision 36	6.6-616	Revision 36
6.6-582	Revision 36	6.6-617	Revision 36
6.6-583	Revision 36	6.6-618	Revision 36
6.6-584	Revision 36	6.6-619	Revision 36
6.6-585	Revision 36	6.6-620	Revision 36
6.6-586	Revision 36	6.6-621	Revision 36
6.6-587	Revision 36	6.6-622	Revision 36
6.6-588	Revision 36	6.6-623	Revision 36
6.6-589	Revision 36	6.6-624	Revision 36
6.6-590	Revision 36	6.6-625	Revision 36
6.6-591	Revision 36	6.6-626	Revision 36
6.6-592	Revision 36	6.6-627	Revision 36
6.6-593	Revision 36	6.6-628	Revision 36
6.6-594	Revision 36	6.6-629	Revision 36
6.6-595	Revision 36	6.6-630	Revision 36
6.6-596	Revision 36	6.6-631	Revision 36
6.6-597	Revision 36	6.6-632	Revision 36
6.6-598	Revision 36	6.6-633	Revision 36
6.6-599	Revision 36	6.6-634	Revision 36
6.6-600	Revision 36	6.6-635	Revision 36
6.6-601	Revision 36	6.6-636	Revision 36
6.6-602	Revision 36	6.6-637	Revision 36
6.6-603	Revision 36	6.6-638	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-639	Revision 36	6.6-674	Revision 36
6.6-640	Revision 36	6.6-675	Revision 36
6.6-641	Revision 36	6.6-676	Revision 36
6.6-642	Revision 36	6.6-677	Revision 36
6.6-643	Revision 36	6.6-678	Revision 36
6.6-644	Revision 36	6.6-679	Revision 36
6.6-645	Revision 36	6.6-680	Revision 36
6.6-646	Revision 36	6.6-681	Revision 36
6.6-647	Revision 36	6.6-682	Revision 36
6.6-648	Revision 36	6.6-683	Revision 36
6.6-649	Revision 36	6.6-684	Revision 36
6.6-650	Revision 36	6.6-685	Revision 36
6.6-651	Revision 36	6.6-686	Revision 36
6.6-652	Revision 36	6.6-687	Revision 36
6.6-653	Revision 36	6.6-688	Revision 36
6.6-654	Revision 36	6.6-689	Revision 36
6.6-655	Revision 36	6.6-690	Revision 36
6.6-656	Revision 36	6.6-691	Revision 36
6.6-657	Revision 36	6.6-692	Revision 36
6.6-658	Revision 36	6.6-693	Revision 36
6.6-659	Revision 36	6.6-694	Revision 36
6.6-660	Revision 36	6.6-695	Revision 36
6.6-661	Revision 36	6.6-696	Revision 36
6.6-662	Revision 36	6.6-697	Revision 36
6.6-663	Revision 36	6.6-698	Revision 36
6.6-664	Revision 36	6.6-699	Revision 36
6.6-665	Revision 36	6.6-700	Revision 36
6.6-666	Revision 36	6.6-701	Revision 36
6.6-667	Revision 36	6.6-702	Revision 36
6.6-668	Revision 36	6.6-703	Revision 36
6.6-669	Revision 36	6.6-704	Revision 36
6.6-670	Revision 36	6.6-705	Revision 36
6.6-671	Revision 36	6.6-706	Revision 36
6.6-672	Revision 36	6.6-707	Revision 36
6.6-673	Revision 36	6.6-708	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-709	Revision 36	6.6-744	Revision 36
6.6-710	Revision 36	6.6-745	Revision 36
6.6-711	Revision 36	6.6-746	Revision 36
6.6-712	Revision 36	6.6-747	Revision 36
6.6-713	Revision 36	6.6-748	Revision 36
6.6-714	Revision 36	6.6-749	Revision 36
6.6-715	Revision 36	6.6-750	Revision 36
6.6-716	Revision 36	6.6-751	Revision 36
6.6-717	Revision 36	6.6-752	Revision 36
6.6-718	Revision 36	6.6-753	Revision 36
6.6-719	Revision 36	6.6-754	Revision 36
6.6-720	Revision 36	6.6-755	Revision 36
6.6-721	Revision 36	6.6-756	Revision 36
6.6-722	Revision 36	6.6-757	Revision 36
6.6-723	Revision 36	6.6-758	Revision 36
6.6-724	Revision 36	6.6-759	Revision 36
6.6-725	Revision 36	6.6-760	Revision 36
6.6-726	Revision 36	6.6-761	Revision 36
6.6-727	Revision 36	6.6-762	Revision 36
6.6-728	Revision 36	6.6-763	Revision 36
6.6-729	Revision 36	6.6-764	Revision 36
6.6-730	Revision 36	6.6-765	Revision 36
6.6-731	Revision 36	6.6-766	Revision 36
6.6-732	Revision 36	6.6-767	Revision 36
6.6-733	Revision 36	6.6-768	Revision 36
6.6-734	Revision 36	6.6-769	Revision 36
6.6-735	Revision 36	6.6-770	Revision 36
6.6-736	Revision 36	6.6-771	Revision 36
6.6-737	Revision 36	6.6-772	Revision 36
6.6-738	Revision 36	6.6-773	Revision 36
6.6-739	Revision 36	6.6-774	Revision 36
6.6-740	Revision 36	6.6-775	Revision 36
6.6-741	Revision 36	6.6-776	Revision 36
6.6-742	Revision 36	6.6-777	Revision 36
6.6-743	Revision 36	6.6-778	Revision 36

LIST OF EFFECTIVE PAGES (Continued)

6.6-779	Revision 36	6.6-814	Revision 36
6.6-780	Revision 36	6.6-815	Revision 36
6.6-781	Revision 36	6.6-816	Revision 36
6.6-782	Revision 36	6.6-817	Revision 36
6.6-783	Revision 36	6.6-818	Revision 36
6.6-784	Revision 36	6.6-819	Revision 36
6.6-785	Revision 36	6.6-820	Revision 36
6.6-786	Revision 36	6.6-821	Revision 36
6.6-787	Revision 36	6.6-822	Revision 36
6.6-788	Revision 36	6.6-823	Revision 36
6.6-789	Revision 36	6.6-824	Revision 36
6.6-790	Revision 36	6.6-825	Revision 36
6.6-791	Revision 36	6.6-826	Revision 36
6.6-792	Revision 36	6.6-827	Revision 36
6.6-793	Revision 36	6.6-828	Revision 36
6.6-794	Revision 36	6.6-829	Revision 36
6.6-795	Revision 36	6.6-830	Revision 36
6.6-796	Revision 36	6.6-831	Revision 36
6.6-797	Revision 36	6.6-832	Revision 36
6.6-798	Revision 36	6.6-833	Revision 36
6.6-799	Revision 36	6.6-834	Revision 36
6.6-800	Revision 36	6.6-835	Revision 36
6.6-801	Revision 36	6.6-836	Revision 36
6.6-802	Revision 36	6.6-837	Revision 36
6.6-803	Revision 36	6.6-838	Revision 36
6.6-804	Revision 36	6.6-839	Revision 36
6.6-805	Revision 36	6.6-840	Revision 36
6.6-806	Revision 36	6.6-841	Revision 36
6.6-807	Revision 36	6.6-842	Revision 36
6.6-808	Revision 36	6.6-843	Revision 36
6.6-809	Revision 36	6.6-844	Revision 36
6.6-810	Revision 36	6.6-845	Revision 36
6.6-811	Revision 36	6.6-846	Revision 36
6.6-812	Revision 36	6.6-847	Revision 36
6.6-813	Revision 36	6.6-848	Revision 37

LIST OF EFFECTIVE PAGES (Continued)

6.6-849	Revision 37	6.6-884	Revision 37
6.6-850	Revision 37	6.6-885	Revision 37
6.6-851	Revision 37	6.6-886	Revision 37
6.6-852	Revision 37	6.6-887	Revision 37
6.6-853	Revision 37	6.6-888	Revision 37
6.6-854	Revision 37	6.6-889	Revision 37
6.6-855	Revision 37	6.6-890	Revision 37
6.6-856	Revision 37	6.6-891	Revision 37
6.6-857	Revision 37	6.6-892	Revision 37
6.6-858	Revision 37	6.6-893	Revision 37
6.6-859	Revision 37	6.6-894	Revision 37
6.6-860	Revision 37	6.6-895	Revision LWT-06A
6.6-861	Revision 37	6.6-896	Revision LWT-06A
6.6-862	Revision 37	6.6-897	Revision LWT-06A
6.6-863	Revision 37	6.6-898	Revision LWT-06A
6.6-864	Revision 37	6.6-899	Revision LWT-06A
6.6-865	Revision 37	6.6-900	Revision LWT-06A
6.6-866	Revision 37	6.6-901	Revision LWT-06A
6.6-867	Revision 37	6.6-902	Revision LWT-06A
6.6-868	Revision 37	6.6-903	Revision LWT-06A
6.6-869	Revision 37	6.6-904	Revision LWT-06A
6.6-870	Revision 37	6.6-905	Revision LWT-06A
6.6-871	Revision 37	6.6-906	Revision LWT-06A
6.6-872	Revision 37	6.6-907	Revision LWT-06A
6.6-873	Revision 37	6.6-908	Revision LWT-06A
6.6-874	Revision 37	6.6-909	Revision LWT-06A
6.6-875	Revision 37	6.6-910	Revision LWT-06A
6.6-876	Revision 37	6.6-911	Revision LWT-06A
6.6-877	Revision 37	6.6-912	Revision LWT-06A
6.6-878	Revision 37	6.6-913	Revision LWT-06A
6.6-879	Revision 37	6.6-914	Revision LWT-06A
6.6-880	Revision 37	6.6-915	Revision LWT-06A
6.6-881	Revision 37	6.6-916	Revision LWT-06A
6.6-882	Revision 37	6.6-917	Revision LWT-06A
6.6-883	Revision 37	6.6-918	Revision LWT-06A

LIST OF EFFECTIVE PAGES (Continued)

6.6-919	Revision LWT-06A	7.1-13	Revision LWT-06G
6.6-920	Revision LWT-06A	7.1-14	Revision LWT-06G
6.6-921	Revision LWT-06A	7.1-15	Revision LWT-06G
6.6-922	Revision LWT-06A	7.1-16	Revision LWT-06G
6.6-923	Revision LWT-06A	7.1-17	Revision LWT-06G
6.6-924	Revision LWT-06A	7.1-18	Revision LWT-06G
6.6-925	Revision LWT-06A	7.1-19	Revision LWT-06G
6.6-926	Revision LWT-06A	7.1-20	Revision LWT-06G
6.6-927	Revision LWT-06A	7.1-21	Revision LWT-06G
6.6-928	Revision LWT-06A	7.1-22	Revision LWT-06G
6.6-929	Revision LWT-06A	7.1-23	Revision LWT-06G
6.6-930	Revision LWT-06A	7.1-24	Revision LWT-06G
6.6-931	Revision LWT-06A	7.1-25	Revision LWT-06G
6.6-932	Revision LWT-06A	7.1-26	Revision LWT-06G
6.6-933	Revision LWT-06A	7.1-27	Revision LWT-06G
6.6-934	Revision LWT-06A	7.1-28	Revision LWT-06G
6.6-935	Revision LWT-06A	7.1-29	Revision LWT-06G
		7.1-30	Revision LWT-06G
		7.1-31	Revision LWT-06G
		7.1-32	Revision LWT-06G
		7.1-33	Revision LWT-06G
		7.1-34	Revision LWT-06G
		7.1-35	Revision LWT-06G
		7.1-36	Revision LWT-06G
		7.1-37	Revision LWT-06G
		7.1-38	Revision LWT-06G
		7.1-39	Revision LWT-06G
		7.1-40	Revision LWT-06G
		7.1-41	Revision LWT-06G
		7.1-42	Revision LWT-06G
		7.1-43	Revision LWT-06G
		7.1-44	Revision LWT-06G
		7.1-45	Revision LWT-06G
		7.1-46	Revision LWT-06G
		7.1-47	Revision LWT-06G

Chapter 7

7-i	Revision LWT-06G
7-ii	Revision LWT-06G
7-1	Revision LWT-06G
7.1-1	Revision LWT-06G
7.1-2	Revision LWT-06G
7.1-3	Revision LWT-06G
7.1-4	Revision LWT-06G
7.1-5	Revision LWT-06G
7.1-6	Revision LWT-06G
7.1-7	Revision LWT-06G
7.1-8	Revision LWT-06G
7.1-9	Revision LWT-06G
7.1-10	Revision LWT-06G
7.1-11	Revision LWT-06G
7.1-12	Revision LWT-06G

LIST OF EFFECTIVE PAGES (Continued)

7.1-48 Revision LWT-06G
7.2-1 Revision LWT-06G
7.2-2 Revision LWT-06G
7.2-3 Revision LWT-06G
7.2-4 Revision LWT-06G
7.2-5 Revision LWT-06G
7.2-6 Revision LWT-06G
7.2-7 Revision LWT-06G
7.2-8 Revision LWT-06G
7.2-9 Revision LWT-06G
7.2.10..... Revision LWT-06G
7.3-1 Revision LWT-06G
7.3-2 Revision LWT-06G

Chapter 8

8-i Revision LWT-06G
8-1 Revision 36
8.1-1 Revision LWT-06G
8.1-2 Revision LWT-06G
8.1-3 Revision LWT-06G
8.1-4 Revision LWT-06G
8.1-5 Revision LWT-06G
8.1-6 Revision LWT-06G
8.1-7 Revision LWT-06G
8.1-8 Revision LWT-06G
8.1-9 Revision LWT-06G
8.1-10 Revision LWT-06G
8.1-11 Revision LWT-06G
8.2-1 Revision LWT-06G
8.2-2 Revision LWT-06G
8.2-3 Revision LWT-06G
8.2-4 Revision LWT-06G
8.3-1 Revision 36
8.3-2 Revision 36

8.3-3 Revision 36
8.3-4 Revision 36
8.3-5 Revision 36

Chapter 9

9-i Revision 36
9-1 Revision 36
9-2 Revision 36
9-3 Revision 36
9-4 Revision 36
9-5 Revision 36
9-6 Revision 36
9-7 Revision 36
9-8 Revision 36
9-9 Revision 36
9-10 Revision LWT-06A

Master Table of Contents

MASTER TABLE OF CONTENTS

1.0	GENERAL INFORMATION.....	1-1
1.1	Introduction.....	1.1-1
1.2	Package Description	1.2-1
1.2.1	Packaging	1.2-1
1.2.2	Operational Features	1.2-4
1.2.3	Contents of Packaging.....	1.2-5
1.3	Quality Assurance.....	1.3-1
1.4	License Drawings	1.4-1
1.5	Unclassified DOE Reference Documents License Drawings.....	1.5-1
1.5.1	TTQP-1-015	1.5-2
1.5.2	TTQP-1-091	1.5-13
1.5.3	TTQP-1-111	1.5-23
1.5.4	DOE Drawing #H-3-307845 (Page 1 of 2).....	1.5-60
1.5.5	DOE Drawing #H-3-308875 (Page 1 of 2).....	1.5-61
2.0	STRUCTURAL EVALUATION.....	2-1
2.1.0	Structural Design	2.1.1-1
2.1.1	Discussion	2.1.1-1
2.1.2	Basic Design Criteria	2.1.2-1
2.1.3	Miscellaneous Structural Failure Modes	2.1.3-1
2.2.0	Weights and Centers of Gravity	2.2-1
2.3.0	Properties of Materials.....	2.3-1
2.3.1	Mechanical Properties of Materials	2.3.1-1
2.4.0	General Standards for All Packages.....	2.4-1
2.4.1	Minimum Package Size	2.4.1-1
2.4.2	Tamperproof Feature.....	2.4.2-1
2.4.3	Positive Closure.....	2.4.3-1
2.4.4	Chemical and Galvanic Reactions	2.4.4-1
2.4.5	Cask Design.....	2.4.5-1
2.4.6	Continuous Venting	2.4.6-1
2.5.0	Lifting and Tiedown Standards	2.5.1-1
2.5.1	Lifting Devices.....	2.5.1-1
2.5.2	Tiedown Devices.....	2.5.2-1
2.6.0	Normal Conditions of Transport	2.6.1-1
2.6.1	Hot Case	2.6.1-1
2.6.2	Cold Case	2.6.2-1

MASTER TABLE OF CONTENTS (continued)

2.6.3	Reduced External Pressure.....	2.6.3-1
2.6.4	Increased External Pressure	2.6.4-1
2.6.5	Vibration.....	2.6.5-1
2.6.6	Water Spray.....	2.6.6-1
2.6.7	Free Drop (1 Foot).....	2.6.7-1
2.6.8	Corner Drop.....	2.6.8-1
2.6.9	Compression.....	2.6.9-1
2.6.10	Penetration.....	2.6.10-1
2.6.11	Fabrication Conditions	2.6.11-1
2.6.12	Fuel Basket Analysis.....	2.6.12-1
2.7.0	Hypothetical Accident Conditions	2.7-1
2.7.1	Free Drop (30 Feet).....	2.7.1-1
2.7.2	Puncture.....	2.7.2-1
2.7.3	Fire.....	2.7.3-1
2.7.4	Immersion - Fissile Material	2.7.4-1
2.7.5	Immersion – Irradiated Nuclear Fuel Packages.....	2.7.5-1
2.7.6	Damage Summary	2.7.6-1
2.7.7	Fuel Basket Accident Analysis	2.7.7-1
2.8.0	Special Form.....	2.8-1
2.9.0	Spent Fuel Contents.....	2.9-1
2.9.1	PWR and BWR Fuel Rods.....	2.9-1
2.9.2	TRIGA Fuel Elements	2.9-1
2.9.3	PULSTAR Intact Fuel Assemblies.....	2.9-5
2.9.4	ANSTO Fuels.....	2.9-6
2.10.0	Appendices.....	2.10.1-1
2.10.1	Computer Program Descriptions	2.10.1-1
2.10.2	Finite Element Model Description	2.10.2-1
2.10.3	Finite Element Evaluations.....	2.10.3-1
2.10.4	Oblique Drop Slapdown.....	2.10.4-1
2.10.5	Lead Slump - End Drop.....	2.10.5-1
2.10.6	Inner Shell Buckling Design Criteria and Evaluation.....	2.10.6-1
2.10.7	Detailed Finite Element Stress Summary.....	2.10.7-1
2.10.8	Quarter-Scale Model Drop Test Program for the NAC-LWT Cask.....	2.10.8-1
2.10.9	Bolts – Closure Lid (Stress Evaluations).....	2.10.9-1
2.10.10	Finite Element Stress Results for the 30-Foot Drop Accident Conditions.....	2.10.10-1

MASTER TABLE OF CONTENTS (continued)

2.10.11	Hand Calculation for the 30-Foot Drop Accident Conditions	2.10.11-1
2.10.12	Impact Limiter Force-Deflection Curves and Data.....	2.10.12-1
2.10.13	Structural Evaluation of Failed Fuel Cans and Liners	2.10.13-1
2.10.14	Structural Evaluation of the NAC-LWT Cask Body with TPBAR Contents	2.10.14-1
2.10.15	NAC-LWT Alternate B Port Cover	2.10.15-1
3.0	THERMAL EVALUATION	3.1-1
3.1	Discussion.....	3.1-1
3.2	Thermal Properties of Materials.....	3.2-1
3.2.1	Conductive Properties	3.2-1
3.2.2	Radiative Properties	3.2-2
3.2.3	Convective Properties	3.2-3
3.3	Technical Specifications of Components.....	3.3-1
3.4	Thermal Evaluation for Normal Conditions of Transport	3.4-1
3.4.1	Thermal Model.....	3.4-1
3.4.2	Maximum Temperatures.....	3.4-32
3.4.3	Minimum Temperatures.....	3.4-32
3.4.4	Maximum Internal Pressures	3.4-32
3.4.5	Maximum Thermal Stresses	3.4-44
3.4.6	Evaluation of Package Performance for Normal Conditions of Transport	3.4-44
3.5	Hypothetical Accident Thermal Evaluation.....	3.5-1
3.5.1	Finite Element Models	3.5-1
3.5.2	Package Conditions and Environment.....	3.5-3
3.5.3	Package Temperatures	3.5-5
3.5.4	Maximum Internal Pressure.....	3.5-12
3.5.5	Maximum Thermal Stresses	3.5-16
3.5.6	Evaluation of Package Performance for Hypothetical Accident Thermal Conditions.....	3.5-16
3.5.7	Assessment of the Effects of the Fission Gas Release in the Fire Accident Condition	3.5-16
3.6	Failed Metallic Fuel Basket – SCOPE Evaluations	3.6-1

MASTER TABLE OF CONTENTS (continued)

4.0	CONTAINMENT	4.1-1
4.1	Containment Boundary.....	4.1-1
4.1.1	Containment Penetrations	4.1-1
4.1.2	Seals and Welds	4.1-1
4.1.3	Closure.....	4.1-3
4.2	Containment Requirements for Normal Conditions of Transport	4.2-1
4.2.1	Containment of Radioactive Material	4.2-1
4.2.2	Pressurization of Containment Vessel	4.2-8
4.2.3	Containment Criteria	4.2-9
4.3	Containment Requirements for Hypothetical Accident Conditions	4.3-1
4.3.1	Fission Gas Products	4.3-1
4.3.2	Containment of Radioactive Materials	4.3-1
4.3.3	Containment Criteria	4.3-3
4.3.4	Tritium Permeation Rate of Seals for TPBAR Shipment.....	4.3-3
4.4	Special Requirements	4.4-1
4.5	Appendices.....	4.5-1
4.5.1	Tetrafluoroethylene O-Rings	4.5-1
4.5.2	Metallic O-Rings.....	4.5-10
4.5.3	Viton® O-Rings	4.5-23
4.5.4	SAS2H Output and Group A2 Values for Design Basis PWR, BWR, TRIGA, MTR and DIDO Fuel	4.5-29
4.5.5	Containment Analysis of MTR Fuel Elements.....	4.5-51
4.5.6	Evaluation of Normal Conditions Allowable Leakage Rate for 25 BWR High Burnup Rods with up to 14 Damaged Rods.....	4.5-58
4.5.7	Containment Analysis of DIDO Fuel Assemblies.....	4.5-62
4.5.8	Containment Analysis for PULSTAR Fuel Elements	4.5-69
4.5.9	Metallic Face Seal	4.5-75
4.5.10	Containment Analysis of ANSTO Basket Payloads	4.5-87
5.0	SHIELDING EVALUATION	5-1
5.1	Discussion and Results	5.1-1
5.2	Gamma and Neutron Sources.....	5.2-1
5.3	Model Specification.....	5.3-1
5.3.1	Description of Radial and Axial Shielding Configuration	5.3-1
5.3.2	Shield Regional Densities	5.3-2
5.3.3	Metallic Fuel Configuration.....	5.3-2

MASTER TABLE OF CONTENTS (continued)

5.3.4	MTR Fuel Configuration	5.3-12
5.3.5	25 PWR Fuel Rods Configuration	5.3-28
5.3.6	TRIGA Fuel Element Model Specification and Shielding Evaluation ..	5.3-32
5.3.7	TRIGA Fuel Cluster Rod Model Specification and Shielding Evaluation.....	5.3-51
5.3.8	High Burnup PWR and BWR Rods Shielding Evaluation	5.3-62
5.3.9	DIDO Fuel Configuration	5.3-88
5.3.10	GA IFM Shielding Evaluation	5.3-115
5.3.11	High Burnup PWR and BWR Rods in a Fuel Assembly Lattice.....	5.3-129
5.3.12	Damaged High Burnup PWR and BWR Rods in a Rod Holder.....	5.3-177
5.3.13	TPBAR Shielding Evaluation	5.3-204
5.3.14	PULSTAR Fuel Configuration	5.3-221
5.3.15	Spiral Fuel Assembly Configuration	5.3-243
5.3.16	MOATA Plate Bundle Configuration.....	5.3-252
5.3.17	Irradiated Hardware Shielding Evaluation.....	5.3-257
5.4	Shielding Evaluation.....	5.4-1
6.0	CRITICALITY EVALUATION	6-1
6.1	Discussion and Results	6.1-1
6.2	Package Fuel Loading	6.2-1
6.2.1	PWR Fuel Assemblies	6.2-1
6.2.2	BWR Fuel Assemblies.....	6.2-4
6.2.3	MTR Fuel Elements	6.2-7
6.2.4	PWR and BWR Rods in a Rod Holder or Fuel Assembly Lattice.....	6.2-14
6.2.5	TRIGA Fuel Elements	6.2-14
6.2.6	TRIGA Fuel Cluster Rods.....	6.2-20
6.2.7	Metallic Fuel Rods	6.2-23
6.2.8	DIDO Fuel Assemblies.....	6.2-25
6.2.9	General Atomics Irradiated Fuel Material	6.2-28
6.2.10	PULSTAR Fuel Elements.....	6.2-32
6.2.11	Spiral Fuel Assemblies.....	6.2-35
6.2.12	MOATA Fuel Assemblies	6.2-38
6.3	Criticality Model Specifications.....	6.3-1
6.3.1	PWR Fuel Assemblies	6.3-1
6.3.2	BWR Fuel Assemblies.....	6.3-7
6.3.3	MTR Fuel Elements	6.3-11

MASTER TABLE OF CONTENTS (continued)

6.3.4	PWR and BWR Rods in a Rod Holder or Fuel Assembly Lattice.....	6.3-18
6.3.5	TRIGA Fuel Elements and Cluster Rods.....	6.3-28
6.3.6	DIDO Fuel Assemblies	6.3-39
6.3.7	General Atomics Irradiated Fuel Material	6.3-48
6.3.8	PULSTAR Fuel Contents	6.3-52
6.3.9	ANSTO Basket Payload	6.3-59
6.4	Criticality Calculations	6.4-1
6.4.1	PWR Fuel Assemblies	6.4-1
6.4.2	BWR Fuel Assemblies.....	6.4-10
6.4.3	MTR Fuel Elements.....	6.4-19
6.4.4	PWR and BWR Rods in a Rod Holder or Fuel Assembly Lattice.....	6.4-46
6.4.5	TRIGA Fuel Elements	6.4-71
6.4.6	TRIGA Fuel Cluster Rods.....	6.4-104
6.4.7	DIDO Fuel Assemblies	6.4-120
6.4.8	General Atomics Irradiated Fuel Material.....	6.4-133
6.4.9	PULSTAR Fuel Contents	6.4-147
6.4.10	ANSTO Basket Payloads.....	6.4-157
6.5	Critical Benchmarks	6.5-1
6.5.1	PWR and BWR Fuel Assemblies	6.5-1
6.5.2	MTR and DIDO Fuel Elements.....	6.5-14
6.5.3	TRIGA Fuel Elements	6.5-18
6.6	Appendix.....	6.6-1
6.6.1	PWR Fuel Assemblies	6.6-2
6.6.2	BWR Fuel Assemblies.....	6.6-113
6.6.3	MTR Fuel Elements.....	6.6-169
6.6.4	Intact PWR and BWR Fuel Rods in a Rod Holder or Fuel Assembly Lattice	6.6-242
6.6.5	TRIGA Fuel Elements	6.6-319
6.6.6	TRIGA Fuel Cluster Rods	6.6-420
6.6.7	MTR Fuel Bounding Configuration.....	6.6-496
6.6.8	DIDO Fuel Assemblies.....	6.6-580
6.6.9	General Atomics Irradiated Fuel Material	6.6-763
6.6.10	Damaged Fuel Rods in a Rod Holder	6.6-815
6.6.11	PULSTAR Fuel Elements in the LWT Cask.....	6.6-848
6.6.12	Spiral Fuel Assemblies in the LWT Cask.....	6.6-895

MASTER TABLE OF CONTENTS (continued)

6.6.13	MOATA Plate Bundle in the LWT Cask.....	6.6-914
7.0	OPERATING PROCEDURES	7-1
7.1	Procedures for Loading Packages	7.1-1
7.1.1	Procedures for Wet Loading of LWR Fuel.....	7.1-2
7.1.2	Procedures for Dry Loading of Metallic Fuel.....	7.1-6
7.1.3	Procedures for Loading Metallic Fuel and Filters Containing Severely Failed Metallic Fuel into Failed Fuel Canisters.....	7.1-10
7.1.4	Procedures for Dry Loading of DIDO, Spiral, MOATA and MTR Fuel Elements in Basket Modules into the NAC-LWT Cask.....	7.1-12
7.1.5	MTR General and Preferential Loading Procedures	7.1-17
7.1.6	Procedure for Dry Loading of TRIGA Fuel Basket Modules and GA IFM Modules into the NAC-LWT Cask.....	7.1-32
7.1.7	Procedure for Loading TRIGA Failed Fuel or Fuel Debris into TRIGA Sealed Failed Fuel Cans.....	7.1-37
7.1.8	Procedure for Wet Loading of PWR/BWR Fuel Rods into the PWR/BWR Transport Canister.....	7.1-38
7.1.9	Procedure for Wet Loading of TPBAR Consolidation Canister into the NAC-LWT Cask.....	7.1-40
7.1.10	Procedure for Dry Loading of PULSTAR Fuel Into the NAC-LWT Cask	7.1-44
7.2	Procedures for Unloading Package	7.2-1
7.2.1	Procedures for Wet Unloading of LWR Fuel.....	7.2-1
7.2.2	Procedures for Wet Unloading of Metallic Fuel.....	7.2-3
7.2.3	Procedure for Wet Unloading of MTR, TRIGA, DIDO, ANSTO or PULSTAR Fuel Basket Contents	7.2-6
7.2.4	Procedure for Dry Unloading of MTR, TRIGA, DIDO, ANSTO or PULSTAR Fuel Basket Contents or the TPBAR Consolidation Canister	7.2-9
7.3	Procedures for Preparation of the Empty Package for Transport	7.3-1
8.0	ACCEPTANCE TESTS AND MAINTENANCE PROGRAM	8-1
8.1	Acceptance Tests	8.1-1
8.1.1	Visual Inspection.....	8.1-1
8.1.2	Structural and Pressure Tests	8.1-2
8.1.3	Leak Tests.....	8.1-3
8.1.4	Component Tests.....	8.1-7

MASTER TABLE OF CONTENTS (continued)

8.1.5	Tests for Shielding Integrity.....	8.1-9
8.1.6	Thermal Acceptance Tests.....	8.1-10
8.1.7	Neutron Absorber Tests.....	8.1-10
8.2	Maintenance Program.....	8.2-1
8.3	Appendix.....	8.3-1
8.3.1	General Description.....	8.3-1
8.3.2	Preparation.....	8.3-1
8.3.3	Pouring Procedure.....	8.3-2
8.3.4	Cooling Process.....	8.3-2
9.0	REFERENCES.....	9-1

Chapter 1

1.0 GENERAL INFORMATION

This chapter of the NAC International, Legal Weight Truck spent fuel shipping cask (NAC-LWT) Safety Analysis Report (SAR) presents a general introduction to, and description of, the NAC-LWT cask. Terminology used throughout this report is presented in Table 1-1.

Shipment of the NAC-LWT cask by truck, ISO container, and/or by railcar, as a Type B(U)F-96 package, as defined in 10 CFR 71.4, is authorized for the following contents:

- PWR and BWR fuel assemblies¹;
- MTR fuel assemblies and plates;
- DIDO fuel assemblies, metallic fuel rods;
- 25 high burnup PWR and BWR fuel rods (including up to 14 fuel rods classified as damaged);
- TRIGA fuel elements and TRIGA fuel cluster rods;
- General Atomics (GA) High-Temperature Gas-Cooled Reactor (HTGR) and Reduced-Enrichment Research and Test Reactor (RERTR) Irradiated Fuel Materials (IFM);
- up to 700 PULSTAR fuel elements;
- spiral fuel assemblies; and
- MOATA plate bundles.

The authorized contents previously listed include both irradiated and unirradiated forms of the materials.

Irradiated hardware is also authorized to be shipped in the NAC-LWT cask by truck, ISO container, and/or by railcar, as a Type B(U)F-96 package, as defined in 10 CFR 71.4. Irradiated hardware is defined as solid, irradiated and contaminated fuel assembly structural or reactor internal component hardware, which may include fissile material, provided the quantity of fissile material does not exceed a Type A quantity and does not exceed the mass limits of 10 CFR 71.53.

¹ NAC-LWT casks containing PWR and BWR fuel assemblies are to be transported on a open trailer with a personnel barrier.

Shipment of the NAC-LWT cask by truck, ISO container, and/or by railcar, as a Type B(M)-96 package, as defined in 10 CFR 71.4, is also authorized for the following contents:

- up to 300 Tritium Producing Burnable Absorber Rods (TPBARs), of which two can be prefailed

In accordance with 10 CFR 71.59, the NAC-LWT cask is assigned a Criticality Safety Index (CSI) for criticality control of the approved contents as follows:

- 100 for PWR fuel assemblies;
- 33.4 for package with any number of canned PULSTAR fuel;
- 12.5 for DIDO fuel assemblies and TRIGA payloads in a nonpoisoned basket and no canisters, or a canister loaded with up to two equivalent TRIGA elements;
- 5.0 for BWR fuel assemblies; and
- 0.0 for metallic fuel rods, up to 25 PWR fuel rods, uncanned intact PULSTAR fuel assemblies and elements, 42 spiral fuel assemblies, MOATA plate bundles, TPBARs, up to 25 high burnup PWR and BWR rods, MTR fuel assemblies, TRIGA fuel elements, TRIGA elements loaded into a poisoned basket, TRIGA fuel cluster rods, TRIGA payloads with screened cans containing up to four TRIGA elements in a nonpoisoned basket, and GA IFM.

TPBARs do not contain fissile material and criticality assessments are not required. Solid, irradiated and contaminated hardware contents could include fissile material not exceeding a Type A quantity and the mass limits of 10 CFR 71.53. A CSI of 0 is assigned for these contents for documentation purposes.

The estimated Transport Index (TI) for shielding for the prior listed contents is shown in Table 5.1-1. The actual TI for individual shipments will be determined in accordance with 10 CFR 71.4 by the licensee.

Chapter 6

6.0 CRITICALITY EVALUATION

The NAC-LWT cask is designed to transport either 1 pressurized water reactor (PWR) assembly; up to 25 intact PWR or BWR rods in a rod holder or fuel assembly lattice; up to 25 PWR or BWR fuel rods with a maximum of 14 of the rods classified as damaged in a rod holder; 2 boiling water reactor (BWR) assemblies; 15 sound metallic fuel rods; 6 failed metallic fuel rods; up to 42 high enriched uranium (HEU), medium enriched uranium (MEU) or low enriched uranium (LEU) Materials Test Reactor (MTR) fuel elements, or DIDO fuel assemblies; up to 140 TRIGA fuel elements; two packages of General Atomics Irradiated Fuel Material (GA IFM); up to 560 TRIGA fuel cluster rods; 1 consolidation canister with up to 300 TPBARs (including up to 2 damaged TPBARs); up to 700 PULSTAR fuel elements; up to 42 spiral fuel assemblies; or up to 42 MOATA plate bundles. This chapter illustrates that all packages meet the requirements of parts 71.55, 71.59 and 71.71 of 10 CFR 71.

In accordance with the requirements of 10 CFR 71.59 (b), the NAC-LWT cask is assigned a Criticality Safety Index (CSI) for criticality control for the authorized contents as follows:

- | | | |
|----|---|------|
| 1. | For metallic fuel rods, up to 25 PWR fuel rods, uncanned intact PULSTAR fuel assemblies and elements, 42 spiral fuel assemblies, MOATA plate bundles, TPBARs, up to 25 high burnup PWR and BWR rods, MTR fuel assemblies, TRIGA fuel elements, TRIGA elements loaded into a poisoned basket, TRIGA fuel cluster rods, TRIGA payloads with screened cans containing up to four TRIGA elements in a nonpoisoned basket, and GA IFM: | 0.0 |
| 2. | For PWR fuel assemblies: | 100 |
| 3. | For BWR fuel assemblies: | 5.0 |
| 4. | For DIDO fuel assemblies and TRIGA payloads in a nonpoisoned basket and no canisters, or a canister loaded with up to two equivalent TRIGA elements: | 12.5 |
| 5. | For package with any number of canned PULSTAR fuel: | 33.4 |

THIS PAGE INTENTIONALLY LEFT BLANK

Enclosure 2

Proposed Changes for Revision 44 of
Certificate of Compliance No. 9225
for the NAC-LWT Cask

**Proposed Changes for Revision 44 of Certificate of Compliance No. 9225
for the NAC-LWT Cask (changes are highlighted)**

Page No.	Description of Change
1- 23	CoC heading – 1.b.: Revision Number 44 . Change the number of pages to 23 on each page. Remove previous revision bars throughout.
1 of 23	5.(a) Packaging, (2) Description – change to read as follows: The LWT is a steel-encased, lead-shielded shipping cask. The cask is designed to transport various radioactive contents as listed in 5.(b)(1) . The overall dimensions ... cubic feet.
2 of 23	5.(a)(3), Drawings (i) – change the revision number for the following two drawings: LWT 315-40-02, Rev. 20 (Sheets 1-2) Body Assembly LWT 315-40-08, Rev. 17 (Sheets 1-5) Cask Parts Detail
4 of 23	5.(a)(3)(ii), Drawings (continued) – add the following new drawing: LWT 315-40-145, Rev. 0 Irradiated Hardware, Lid Spacer, LWT Cask 5.(b), Contents – (1) Type and form of material – add the following new sentence before (i) to read as follows: All contents listed include both unirradiated and irradiated conditions. 5.(b), Contents – (1) Type and form of material – (i) delete “irradiated” so it reads as follows: (i) PWR fuel assemblies . The maximum fuel assembly ... of the application.
5 of 23	5.(b)(1), Type and form of material –(ii) delete “irradiated” so it reads as follows: (ii) BWR fuel assemblies . The maximum fuel assembly ... of the application.
6 of 23	5.(b)(1), Type and form of material (continued) – delete (iii) in its entirety. (iii) Deleted . 5.(b)(1), Type and form of material (continued) – (iv) delete “irradiated” so it reads as follows: (iv) MTR fuel elements composed of ... of the application.
9 of 23	5.(b)(1), Type and form of material (continued) – replace this page with pages 3 & 4 of this document (pages 9 & 10 of 23 of the CoC)
new page 11 of 23	5.(b)(1), Type and form of material (continued) – (vii) delete “irradiated” so it reads as follows: (vii) TRIGA fuel cluster rods ... prior to irradiation: 5.(b)(1), Type and form of material (continued) – (viii) delete “irradiated” so it reads as follows: (viii) High burnup PWR rods ... 150 days.

DRAFT

U.S. NUCLEAR REGULATORY COMMISSION
CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIAL PACKAGES

1.a. CERTIFICATE NUMBER 9225	b. REVISION NUMBER 44	c. DOCKET NUMBER 71-9225	d. PACKAGE IDENTIFICATION NUMBER USA/9225/B(U)F-96	PAGE 9	PAGES OF 23
---------------------------------	--------------------------	-----------------------------	---	-----------	----------------

5.(b)(1) Type and form of material (continued)

(vi) (a) TRIGA fuel elements acceptable for loading in the poisoned TRIGA basket and meeting the following specifications:

	TRIGA HEU (Notes 1, 2, 6 & 7)	TRIGA LEU (Notes 1, 2, 6 & 7)	TRIGA LEU (Notes 1, 2, 6 & 7)
Fuel Form	Clad U-ZrH rod	Clad U-ZrH rod	Clad U-ZrH rod
Maximum Element Weight, lbs	13.2	13.2	13.2
Maximum Element Length, in	47.74	47.74	47.74
Element Cladding	Stainless Steel	Stainless Steel	Aluminum
Clad Thickness, in	0.02	0.02	0.03
Active Fuel Length, in	15	15	14-15 (Note 4)
Element Diameter, in	1.478 max.	1.478 max.	1.47 max.
Fuel Diameter, in	1.435 max.	1.435 max.	1.41 max.
Maximum Initial U Content/Element, kilograms	0.196	0.845	0.205
Maximum Initial ²³⁵ U Mass, grams	137	169	41
Maximum Initial ²³⁵ U Enrichment, weight percent	70	20	20
Zirconium Mass, grams (Note 5)	2060	1886 - 2300	2300
Hydrogen to Zirconium Ratio, max. (Note 5)	1.6	1.7	1.0
Maximum Average Burnup, MWd/MTU	460,000 (80% ²³⁵ U)	151,100 (80% ²³⁵ U)	151,100 (80% ²³⁵ U)
Minimum Cooling Time	90 days (Note 3)	90 days (Note 3)	90 days (Note 3)

- Notes:
- Mixed TRIGA LEU and HEU contents authorized.
 - TRIGA Standard, instrumented and fuel follower control rod type elements authorized.
 - Maximum decay heat of any element is 7.5 watts.
 - Aluminum clad fuel with 14-inch active fuel is solid and has no central hole with a zirconium rod.
 - Zirconium mass and H/Zr ratio apply to the fuel material (U-Zr-Hx) and do not include the center zirconium rod.
 - Listed TRIGA fuel elements have a 0.225-inch diameter zirconium rod in the center.
 - Dimensions listed are as-fabricated (unirradiated) nominal values.

DRAFT

U.S. NUCLEAR REGULATORY COMMISSION

CERTIFICATE OF COMPLIANCE FOR RADIOACTIVE MATERIAL PACKAGES

Table with 5 columns: 1.a. CERTIFICATE NUMBER (9225), b. REVISION NUMBER (44), c. DOCKET NUMBER (71-9225), d. PACKAGE IDENTIFICATION NUMBER (USA/9225/B(U)F-96), PAGE (10) OF (23) PAGES.

5.(b)(1) Type and form of material (continued)

(vi) (b) TRIGA fuel elements acceptable for loading in the nonpoisoned TRIGA basket and meeting the following specifications:

Table with 4 columns: Fuel Form, TRIGA HEU (Notes 1, 2 & 5), TRIGA LEU (Notes 1, 2 & 5), TRIGA LEU (Notes 1, 2 & 5). Rows include: Fuel Form (Clad U-ZrH rod), Maximum Element Weight (13.2 lbs), Maximum Element Length (47.74 in), Element Cladding (Stainless Steel, Stainless Steel, Aluminum), Minimum Clad Thickness (0.01 in), Maximum Element Diameter (1.5 max. in), Maximum Initial U Content/Element (kilograms), Maximum Initial 235U Mass (grams), Maximum Initial 235U Enrichment (weight percent), Maximum Average Burnup (MWd/MTU), Minimum Cooling Time (90 days).

Notes:

- 1. Mixed TRIGA LEU and HEU contents authorized.
2. TRIGA Standard, instrumented and fuel follower control rod type elements authorized.
3. Maximum decay heat of any element is 7.5 watts.
4. Element may contain a zirconium rod in the center.
5. Dimensions listed are as-fabricated (unirradiated) nominal values.

**Proposed Changes for Revision 44 of Certificate of Compliance No. 9225
for the NAC-LWT Cask (changes are highlighted) (cont'd)**

Page No.	Description of Change
new page 12 of 23	5.(b)(1), Type and form of material (continued) – (ix) delete “irradiated” so it reads as follows: (ix) <u>High burnup BWR rods</u> ... table below. 5.(b)(1), Type and form of material (continued) – (x) delete “irradiated” so it reads as follows: (x) <u>DIDO fuel elements</u> ... listed below.
new page 14 of 23	5.(b)(1), Type and form of material (continued) – (xii) delete “irradiated” so it reads as follows: (xii) <u>Tritium-producing burnable absorber rods (TPBARs)</u> ... 30 days.
new page 15 of 23	5.(b)(1), Type and form of material (continued) – (xiv) delete “irradiated” so it reads as follows: (xiv) <u>Intact ANSTO fuel</u> ... plate bundles. 5.(b)(1), Type and form of material (continued) – add new (xvi) as follows: <u>(xvi) Solid, irradiated and contaminated fuel assembly structural or reactor internal component hardware, which may include fissile material, provided the quantity of fissile material does not exceed a Type A quantity, and does not exceed the mass limits of 10 CFR 71.53!</u> 5.(b)(2), Maximum quantity of material per package – change first sentence to read as follows: <u>Not to exceed 4,000 pounds, including contents and fuel assembly basket or other internal support structure.</u>
new page 16 of 23	5.(b)(2), Maximum quantity of material per package (continued) – delete (iii) in its entirety. (iii) <u>Deleted!</u>
new page 17 of 23	5.(b)(2), Maximum quantity of material per package (continued) – change (vii) to read as follows: (vii)(a) For TRIGA fuel elements as described in Item 5.(b)(1)(vi)(a): <u>(1) Up to 140 intact fuel elements in the poisoned TRIGA fuel basket (four fuel elements per basket cell)!</u> <u>(2) Maximum decay heat not to exceed 7.5 watts per TRIGA fuel element (or equivalent for damaged fuel) and 1050 watts per package.</u> <u>(3) Damaged TRIGA fuel elements will be transported in a sealed damaged fuel can (maximum of two) or in a screened damaged fuel can (maximum of four)!</u> <u>(4) Damaged TRIGA fuel elements or fuel debris (up to two equivalent elements) will be transported in a sealed or screened damaged fuel can!</u>

**Proposed Changes for Revision 44 of Certificate of Compliance No. 9225
for the NAC-LWT Cask (changes are highlighted) (cont'd)**

Page No.	Description of Change
new page 17 of 23 (cont'd)	<p>(vii)(a) For TRIGA fuel elements as described in Item 5.(b)(1)(vi)(a): (cont'd)</p> <ol style="list-style-type: none"> (5) The sealed cans are to be in accordance with NAC International Drawing Nos. 315-40-086, Rev. 1; 315-40-087, Rev. 5; and 315-40-088, Rev. 2. (6) The screened cans are to be in accordance with NAC International Drawing Nos. 315-40-074, Rev. 2; 315-40-075, Rev. 1; and 315-40-076, Rev. 1. (7) Up to 14 sealed or screened cans may be loaded in a poisoned TRIGA fuel basket module. (8) Mixed intact and damaged fuel contents and fuel debris are authorized. Base and top fuel basket modules may contain intact fuel elements, screened cans or sealed cans. Intermediate fuel basket modules may contain only intact TRIGA fuel elements. <p>(vii)(b) For TRIGA fuel elements as described in Item 5.(b)(1)(vi)(b):</p> <ol style="list-style-type: none"> (1) Up to 120 intact fuel elements in the nonpoisoned TRIGA fuel basket (four fuel elements per basket cell). (2) TRIGA fuel elements may not be loaded in the center cell of the nonpoisoned basket. (3) Maximum decay heat not to exceed 7.5 watts per TRIGA fuel element (or equivalent for damaged fuel) and 900 watts per package. (4) Damaged TRIGA fuel elements will be transported in a sealed damaged fuel can (maximum of two) or in a screened damaged fuel can (maximum of four). (5) Damaged TRIGA fuel elements or fuel debris (up to two equivalent elements) will be transported in a sealed or screened damaged fuel can. (6) The sealed cans are to be in accordance with NAC International Drawing Nos. 315-40-086, Rev. 1; 315-40-087, Rev. 5; and 315-40-088, Rev. 2. (7) The screened cans are to be in accordance with NAC International Drawing Nos. 315-40-074, Rev. 2; 315-40-075, Rev. 1; and 315-40-076, Rev. 1. (8) Up to 12 sealed or screened cans may be loaded in a nonpoisoned TRIGA fuel basket module. (9) Mixed intact and damaged fuel contents and fuel debris are authorized. Base and top fuel basket modules may contain intact fuel elements, screened cans or sealed cans. Intermediate fuel basket modules may contain only intact TRIGA fuel elements.

Proposed Changes for Revision 44 of Certificate of Compliance No. 9225
for the NAC-LWT Cask (changes are highlighted) (cont'd)

Page No.	Description of Change
<p>new page 21 of 23</p>	<p>5.(b)(2), Maximum quantity of material per package (continued) – add new (xvii) to read as follows:</p> <p><u>(xvii) For solid irradiated hardware as described in Item 5.(b)(1)(xvi):</u> <u>Up to 4,000 pounds, including spacers, dunnage and containers, and meeting the gamma source defined in Table 1.2-12 of the application. An irradiated hardware spacer, per NAC Drawing No. 315-40-145, shall be installed.</u></p> <p>5.(c), Criticality Safety Index – change (1) to read as follows:</p> <p>(1) For TRIGA fuel elements, TRIGA fuel cluster rods, metallic fuel rods, MTR fuel assemblies, up to 25 PWR fuel rods, up to 25 high burnup PWR or BWR rods, GA IFM, uncanned intact PULSTAR fuel assemblies and elements, 42 spiral fuel assemblies, MOATA plate bundles, <u>TPBARS, TRIGA elements loaded in a poisoned basket, and TRIGA payloads with screened cans containing up to four TRIGA elements in a nonpoisoned basket:</u> 0.0</p> <p>5.(c), Criticality Safety Index – change (4) to read as follows:</p> <p>(4) For DIDO fuel assemblies <u>and TRIGA payloads in a nonpoisoned basket and no canister, or a canister loaded with up to two equivalent TRIGA elements:</u> 12.5</p>
<p>new page 22 of 23</p>	<p>9. First sentence remains as is. <u>Delete “after third use” in the second sentence,</u> so it reads as follows: <u>Prior to first use, and at least once within the 12-month period</u> prior to each subsequent use, the package must be leak tested to 5.5×10^{-7} std cm³/sec (He).</p> <p>11. <u>Delete “individual PWR rods, or” in the first sentence.</u> The second sentence remains as is. <u>When shipping PWR, BWR, MTR, DIDO assemblies, TRIGA fuel elements, TRIGA fuel cluster rods, high burnup PWR or BWR rods, ... to 250°F.</u></p> <p>12. First sentence remains as is. Change the second sentence to read as follows: Shipments of MTR, DIDO fuel assemblies, TRIGA fuel elements, TRIGA fuel cluster rods, individual PWR rods, high burnup PWR or BWR rods, TPBAR contents, PULSTAR fuel elements, spiral fuel assemblies, <u>MOATA plate bundles, or irradiated hardware</u> must use the ISO container or a personnel barrier.</p>
<p>new page 23 of 23</p>	<p>Revise item 18 to read as follows:</p> <p>18. Revision <u>43</u> of this certificate may be used until <u>April 30, 2008.</u></p> <p>Revise “Supplements dated” to read as follows: Supplements dated: December 15, 2005; <u>April 17,</u> May 26, June 9 and 15, August 18 and 22, <u>October 12 and November 17, 2006; and March 2, 2007.</u></p>