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March 30, 2001

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: USNRC Docket No. 72-1008
HI-STAR FSAR, Revision 0

References: 1. Holtec Project 5014
2. HI-STAR 100 Certificate of Compliance 1008

Dear Sir:

On March 26, 2001, Holtec submitted the Final Safety Analysis Report (FSAR) for the HI-STAR 100 System. We have recently discovered a word processing error that affected the page numbering in FSAR Chapter 9. Enclosed are the following replacement pages to correct this error:

1. Pages 27 and 28 of the List of Effective Pages.

2. Pages 9.1-23 through 9.1-28 of FSAR Chapter 9.

Please replace these pages in your version of the HI-STAR FSAR (Holtec Report HI-210610), Revision 0. We apologize for any inconvenience this may have caused.

If you have any questions or require additional information, please contact us.

Sincerely,

Brian Gutherman, P.E.
Licensing Manager

cc: Mr. Christopher Jackson, USNRC (w/4 sets of replacement pages)

Document ID: 5014414

NMSS01 Public

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Enclosure: Replacement pages for Revision 0 of the HI-STAR 100 System FSAR

Distribution (w/encl.):

Recipient	Affiliation
Mr. Ken Ainger	Exelon Corporation
Ms. Becky Parker	Southern Nuclear Operating Company (4 sets)
Mr. Kenneth Phy	Entergy Nuclear Northeast

LIST OF EFFECTIVE PAGES FOR REVISION 0

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Fig. 9.1.1	0			
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LIST OF EFFECTIVE PAGES FOR REVISION 0

Page	Revision		Page	Revision
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Fig. 10.1.1	0			
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10.5-1	0			
10.6-1	0			

Table 9.1.2 (continued)
HI-STAR OVERPACK
INSPECTION AND TEST ACCEPTANCE CRITERIA

Function	Fabrication	Pre-operation	Maintenance and Operation
Thermal Acceptance	a) A thermal acceptance test is performed on the first system, at completion of fabrication to confirm the heat transfer capabilities of the HI-STAR overpack.	a) None.	a) A thermal performance test of the HI-STAR 100 System shall be performed prior to commencement of transport operations.
Cask Identification Inspection	a) Identification plates will be installed on the HI-STAR overpack at completion of the acceptance test program.	a) The identification plates will be checked prior to loading.	a) The identification plates will be periodically inspected per licensee procedures and will be repaired or replaced if damaged.
Functional Performance Tests	a) Fit-up tests of HI-STAR overpack components (closure plates, port plugs, cover plates) will be performed during fabrication.	a) Fit-up test of the HI-STAR overpack lifting trunnions with the lifting yoke will be performed. b) Fit-up test of the HI-STAR overpack rotation trunnions with the horizontal transfer skid (if used) will be performed. c) Fit-up test of the MPC into the HI-STAR overpack will be performed prior to loading.	a) None.

Table 9.1.3

HI-STAR 100 NDE REQUIREMENTS

MPC			
Weld Location	**NDE Requirement**	**Applicable Code**	**Acceptance Criteria (Applicable Code)**
Shell longitudinal seam	RT	ASME Section V, Article 2 (RT)	RT: ASME Section III, Subsection NB, Article NB-5320
	PT (surface)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Shell circumferential seam	RT	ASME Section V, Article 2 (RT)	RT: ASME Section III, Subsection NB, Article NB-5320
	PT (surface)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Baseplate-to-shell	RT or UT	ASME Section V, Article 2 (RT) ASME Section V, Article 5 (UT)	RT: ASME Section III, Subsection NB, Article NB-5320 UT: ASME Section III, Subsection NB, Article NB-5330
	PT (surface)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350

Table 9.1.3 (continued) HI-STAR 100 NDE REQUIREMENTS			
MPC			
Weld Location	**NDE Requirement**	**Applicable Code**	**Acceptance Criteria (Applicable Code)**
Lid-to-shell	PT (root and final pass) PT (surface following hydrostatic test) UT or multi-layer PT	ASME Section V, Article 6 (PT) ASME Section V, Article 5 (UT) ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350 UT: ASME Section III, Subsection NB, Article NB-5332 PT: ASME Section III, Subsection NB, Article NB-5350
Closure ring-to-shell	PT (final pass)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Closure ring-to-lid	PT (final pass)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Closure ring radial welds	PT (final pass)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Port cover plates-to-lid	PT (root and final pass)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Lift lug and lift lug baseplate	PT (surface)	ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NG, Article NG-5350

Table 9.1.3 (continued)

HI-STAR 100 NDE REQUIREMENTS

HI-STAR OVERPACK

Weld Location	NDE Requirement	Applicable Code	Acceptance Criteria (Applicable Code)
Inner shell-to-top flange	RT	ASME Section V, Article 2 (RT)	RT: ASME Section III, Subsection NB, Article NB-5320
	MT or PT (surface)	ASME Section V, Article 7 (MT)	MT: ASME Section III, Subsection NB, Article NB-5340
		ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Inner shell-to-bottom plate	RT	ASME Section V, Article 2 (RT)	RT: ASME Section III, Subsection NB, Article NB-5320
	MT or PT (surface)	ASME Section V, Article 7 (MT)	MT: ASME Section III, Subsection NB, Article NB-5340
		ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Inner shell longitudinal seam	RT	ASME Section V, Article 2 (RT)	RT: ASME Section III, Subsection NB, Article NB-5320
	MT or PT (surface)	ASME Section V, Article 7 (MT)	MT: ASME Section III, Subsection NB, Article NB-5340
		ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350

Table 9.1.3 (continued)

HI-STAR 100 NDE REQUIREMENTS

HI-STAR OVERPACK

Weld Location	NDE Requirement	Applicable Code	Acceptance Criteria (Applicable Code)
Inner shell circumferential seam	RT	ASME Section V, Article 2 (RT)	RT: ASME Section III, Subsection NB, Article NB-5320
	MT or PT (surface)	ASME Section V, Article 7 (MT)	MT: ASME Section III, Subsection NB, Article NB-5340
		ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NB, Article NB-5350
Intermediate shell welds (as noted on Design Drawings)	MT or PT (surface)	ASME Section V, Article 7 (MT)	MT: ASME Section III, Subsection NF, Article NF-5340
		ASME Section V, Article 6 (PT)	PT: ASME Section III, Subsection NF, Article NF-5350

Table 9.1.4

SUMMARY OF OVERPACK THERMAL ANALYSIS
AMBIENT INPUTS FOR STEAM HEATED TEST CONDITIONS

PARAMETER	VALUE
Steam Temperature	212°F
Ambient Temperature	70°F
Radiative Blocking	None
Exposed Surfaces Insolation	None