P-7-1

CCC 101

TER # Q-338

1/4

NOTED MAR 2 0 1984

COMPONENT TASK EVALUATION REPORT

Att #4

STEM/COMPONENT NO.	TDI PART NO.	INITIATOR	DATE	ORGANIZATI
DG 101 03-341A	1A-6522 03-341A	GD Gluka SIGNATURE	3-20-84	☐ ENGINEERI ☐ QUALITY

NDITION DETAILS: ATTACHED INSPECTION REPORT (2 PAGES) GENERATED BY BR Williams DATED 3/20/84 IS CONSIDERED INFORMATIONAL AS NO ACCEPTANCE CRITERIA WAS PROVIDED PRIOR TO THE PERFORMANCE OF THE INSPECTION.

COMMENDATIONS: FORWARD TO DESIGN REVIEW FOR EVALUATION AND ALSO TO SEO AND LSU FOR INFORMATION ONLY. Attached IR is informational only - see Sheet 2 for recommended disposition

:QUIRED COMPLETION DATE:

ASSIGNMENT

:TION ASSIGNED TO	RESPONSIBLE CHAIRPERSON	DATE
ENGINEERING ☐ QUALITY	Michael B Curry SIGNATURE	3-20-84

DISPOSITION

ISPOSITION DETAILS: Follow Procedure Outlined on Page 2

ISPOSITION ASSIGNED TO ☒ ENGINEERING ☐ QUALITY ☐ NONE REQUIRED

UPPLIED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE
K Aolan	3-21-84	K Aolan RESP. CHAIRPERSON	3-21-84	C Wells PROGRAM MANAGER	3-25-84

ACTION

CTION ASSIGNED TO	ACTION COMPLETED BY	DATE
C Wells	K Aolan for C Wells	3-29-84

CKS/GWR/RJN/EFM
TER LOG

A044

RECOMMENDED
INFORMATION TER DISPOSITION

Distribution for action as follows:

1) Design Review (G. Rogers) - Review as part of Design Review Task. Return to Quality Group a statement of acceptability (i.e., inspection information is sufficient for Design Review Group and no further inspections are required) or provide further detailed inspection/criteria, and add to Task Description "review information provided on TER Q-338", for each component affected.

2) SEO (J. Kammeyer) - distribute for information.

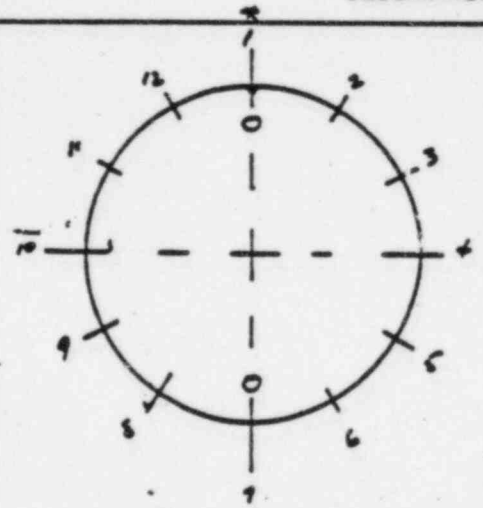
STONE & WEBSTER ENGINEERING CORPORATION

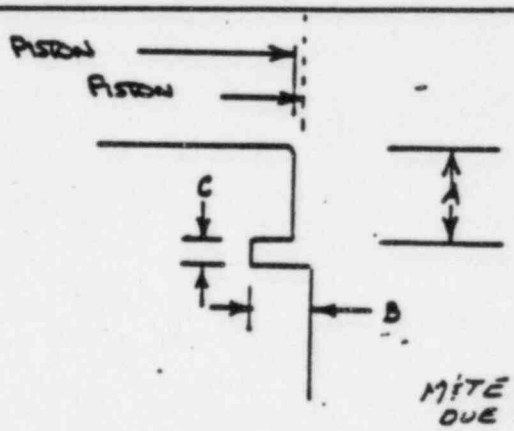
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3/20/84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
03-341 A ~~+B~~ PISTON DIMENSION VERIFICATION	ENGINE 101	SHI 089 IP # 14 REV. 4 CHG. 0

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	4	2	





MITE 2-54-18
DUE 8/7/84
MITE 2-51-03
5-6-84

PISTON # 5

*		A	B	C
*	1	2.272	.570	.255
	2	2.146	.570	.255
	3	2.148	.572	.255
	4	2.275	.570	.255
	5	2.144	.570	.255
	6	2.145	.569	.255
	7	2.271	.570	.255
	8	2.147	.568	.255
	9	2.144	.570	.255
	10	2.274	.572	.255
	11	2.145	.569	.255
	12	2.144	.570	.255

GRID SIZE/BY ADDED LETTER DESIGNATIONS

PISTON # 7

*		A	B	C
*	1	2.258	.568	.255
	2	2.143	.567	.256
	3	2.143	.569	.256
	4	2.260	.569	.255
	5	2.142	.568	.256
	6	2.142	.569	.255
	7	2.259	.569	.255
	8	2.139	.569	.255
	9	2.139	.569	.255
	10	2.260	.569	.255
	11	2.140	.569	.255
	12	2.140	.568	.255

* ~~LOCATION OF THE PISTON NOTCH~~

REVIEWED: N.I. ~~Stark~~

QUALITY CONTROL INSPEC./ENG.	DATE	PAGE
B.L. Williams	3/20/84	1 OF 2

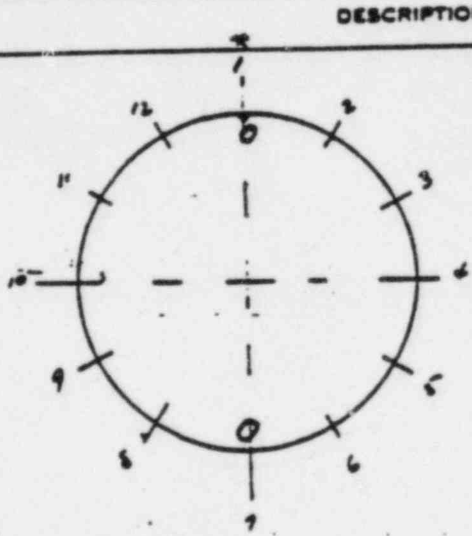
STONE & WEBSTER ENGINEERING CORPORATION

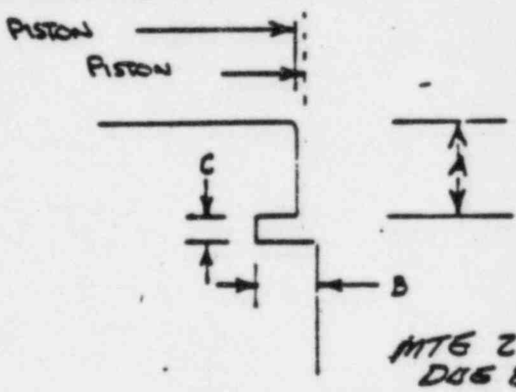
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3/20/84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
03-341 A ~~+B~~ PISTON DIMENSION VERIFICATION	ENGINE 101	SHI-089 IP#14 REV. 4 CHG. 0

DWG NO OR PO	ITEM	QTY	DESCRIPTION(S) AND INSPECTION REMARK(S)
	4	4	





MTE 2-54-18
DOE 8/9/84
MTE 2-51-03
DOE 5-6-84

PISTON # 8

	A	B	C
* 1	2.264	.570	.255
2	2.145	.568	.255
3	2.146	.568	.255
4	2.264	.569	.255
5	2.148	.568	.255
6	2.147	.568	.255
7	2.264	.568	.255
8	2.146	.569	.255
9	2.147	.568	.255
10	2.264	.568	.255
11	2.148	.569	.255
12	2.146	.569	.255

PISTON # RING 1st.

	#5	#7	#8
* 1	.250	.250	.250
2	250	.250	.250
3	.250	.250	.250
4	250	.250	.250
5	.250	.250	.250
6	250	.250	250
7	.250	.250	.250
8	.250	.250	.250
9	.250	.250	250
10	.250	250	.250
11	.250	.250	.250
12	.250	.250	.250

* ~~LOCATION OF THE [illegible]~~

REVIEWED: V.I. Smith 3-20-84

QUALITY CONTROL INSPEC/ENG	DATE	PAGE
B.R. Williams	3/20/84	2 of 2

5. This inspection report is acceptable for design review.

Q-338
03-341A

K Hole for C Wells
3/29/84

A3070

P-7-6

EDG 101

TER # Q-310

1/4

DATED MAR 26 1984

COMPONENT TASK EVALUATION REPORT

STEM/COMPONENT NO.	TDI PART NO.	INITIATOR	DATE	ORGANIZATI
'01 03-341A	03-341A	R. TOMPKINS SIGNATURE	3-28-84	☐ ENGINEERI ☑ QUALITY

NDITION DETAILS: ATTACHED INSPECTION REPORT (2 PAGES) GENERATED BY D. SMITH DATED 3-28-84 IS CONSIDERED INFORMATIONAL AS NO ACCEPTANCE CRITERIA WAS PROVIDED PRIOR TO THE PERFORMANCE OF THE INSPECTION.

ECOMMENDATIONS: FORWARD TO DESIGN REVIEW FOR EVALUATION AND ALSO TO SEO AND LSU FOR INFORMATION ONLY.

Attached IR is informational only.
See Sheet 2 for recommended Disposition.

EQUIRED COMPLETION DATE: 3-28-84

ASSIGNMENT

ION ASSIGNED TO	RESPONSIBLE CHAIRPERSON	DATE
NGINEERING ☐ QUALITY	R. Fraser SIGNATURE	3-20-84

DISPOSITION

ISPOSITION DETAILS: FOLLOW PROCEDURE 1 OUTLINED ON PAGE 2

ISPOSITION ASSIGNED TO ☑ ENGINEERING ☐ QUALITY ☐ NONE REQUIRED

UPPLIED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE
K Holm	3-31-84	K. Holm RESP. CHAIRPERSON	3-31-84	PROGRAM MANAGER	3/25/84

ACTION

CTION ASSIGNED TO	ACTION COMPLETED BY	DATE
C. Wells	K Holm for C. Wells	3-29-84

CKS/GWR/RJN/EFM
TER LOG

A3.0-271

RECOMMENDED
INFORMATION TER DISPOSITION

Distribution for action as follows:

1) Design Review (G. Rogers) - Review as part of Design Review Task. Return to Quality Group a statement of acceptability (i.e., inspection information is sufficient for Design Review Group and no further inspections are required) or provide further detailed inspection/criteria, and add to Task Description "review information provided on TER Q-310", for each component affected.

2) SEO (J. Kammeyer) - distribute for information.

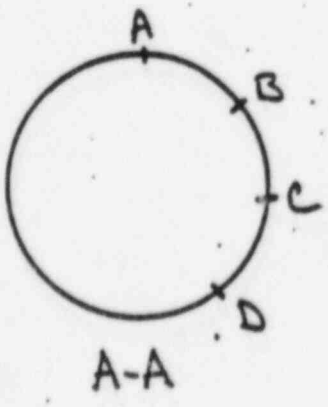
STONE & WEBSTER ENGINEERING CORPORATION

QUALITY CONTROL
INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3-20-84

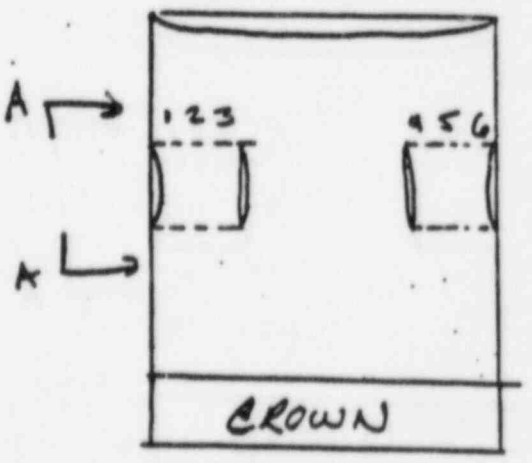
SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTONS COMPONENT NO. 03-341A	DG- 101	I.P. NO. 14 REV. 4 CHG 0 TER # DR-239 LILCO LP PROC. _____ REV. ___ DWG. NO. _____

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	5	3	PERFORMED DIMENSIONAL INSPECTION OF PISTON PIN BORE DIAMETER AT 45° INTERVALS AROUND THE CIRCUMFERENCE (IE; 4 MEASUREMENTS) AND PERFORMED THE INSPECTION AT THREE BORE DEPTHS ON BOTH SIDES OF THE PISTONS FOR CYLINDERS 5, 7, AND 8. (SEE BELOW AND ATTACHED)



A-A

FACING EXHAUST SIDE



11:03:73

M&TE NO. 2-52-11, _____, _____, _____,
DUE 12-22-84, _____, _____, _____.

QUALITY CONTROL INSPEC./ENG. _____ DATE _____ PAGE 7

STONE & WEBSTER ENGINEERING CORPORATION

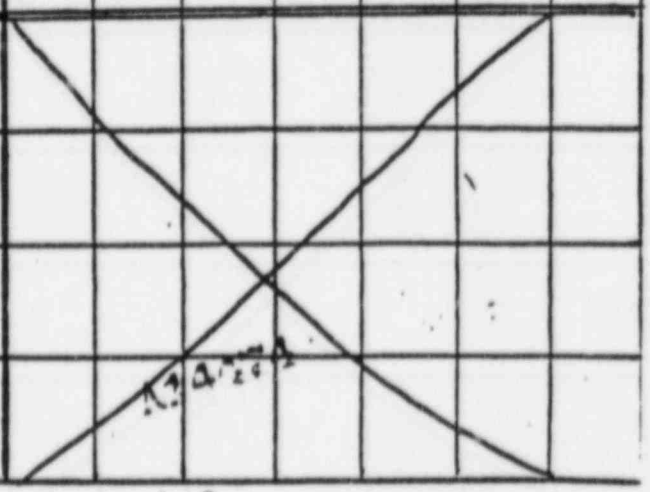
QUALITY CONTROL
INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3-20-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTONS COMPONENT NO. 03-341A	DG- 101	I.P. NO. 14 REV. 4 CHG 0 TER # _____ LILCO LP PROC. _____ REV. _____ DWG. NO. _____

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)	1	2	3	4	5	6
			CYL #5						
			A	6.751	6.750	6.750	6.750	6.750	6.750
			B	6.751	6.750	6.750	6.750	6.750	6.750
			C	6.751	6.750	6.750	6.750	6.750	6.750
			D	6.750	6.750	6.750	6.750	6.750	6.750
			CYL #8						
			A	6.750	6.750	6.750	6.751	6.751	6.751
			B	6.750	6.750	6.750	6.751	6.751	6.751
			C	6.750	6.750	6.750	6.751	6.751	6.751
			D	6.750	6.750	6.750	6.751	6.751	6.751

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)	1	2	3	4	5	6
			CYL #7						
			A	6.751	6.750	6.750	6.751	6.750	6.750
			B	6.750	6.750	6.750	6.751	6.751	6.750
			C	6.751	6.750	6.750	6.750	6.751	6.750
			D	6.750	6.750	6.750	6.750	6.751	6.750



MATE NO. * 2-52-11, _____, _____, _____, _____

DOC 12-22-84, _____, _____, _____, _____

QUALITY CONTROL INSPECTION ENG. DATE 3-21-84 PAGE 1

. . . This inspection report is acceptable for design review.

Q-310
03-341A

K Hole for C Wells
3/29/84

P-7-11

ATT #4

TER # Q-154

Page 1 of 5

EQG 103

COMPONENT TASK EVALUATION REPORT

STEM/COMPONENT NO.	TDI PART NO.	INITIATOR	DATE	ORGANIZATI
03-341A D.6.103	1A-6522	Dennis M. Fahey SIGNATURE	3-13-84	☐ ENGINEERI ☑ QUALITY

NDITION DETAILS: ATTACHED INSPECTION REPORT (3 PAGES) GENERATED BY J. DeLa DATED 2-12-84 IS CONSIDERED INFORMATIONAL AS NO ACCEPTANCE CRITERIA WAS PROVIDED PRIOR TO THE PERFORMANCE OF THE INSPECTION.

ECOMMENDATIONS: FORWARD TO DESIGN REVIEW FOR EVALUATION AND ALSO TO SEO AND LSU FOR INFORMATION ONLY.

ATTACHED IR IS INFORMATIONAL ONLY - See sheet 2 for recommended disposition.

EQUIRED COMPLETION DATE:

ASSIGNMENT

OSITION ASSIGNED TO	RESPONSIBLE CHAIRPERSON	DATE
INEERING ☐ QUALITY	Miriam Chandler SIGNATURE	3/1/84

DISPOSITION

ISPOSITION DETAILS: Follow Procedure 1 outlined on Page 2

ISPOSITION ASSIGNED TO ☑ ENGINEERING ☐ QUALITY ☐ NONE REQUIRED

UPPLIED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE
K. Ashe	3-14-84	K. Ashe RESP. CHAIRPERSON	3-14-84	B. Lam PROGRAM MANAGER	3/17/84

ACTION

CTION ASSIGNED TO	ACTION COMPLETED BY	DATE
C. Wells	K. Ashe for C. Wells	3-17-84

CKS/GWR/RJN/EFH
TER LOG

AA 3594

RECOMMENDED
INFORMATION TER DISPOSITION

TER #Q-194
Page 2 of 5

Distribution for action as follows:

1) Design Review (G. Rogers) - Review as part of Design Review Task. Return to Quality Group a statement of acceptability (i.e., inspection information is sufficient for Design Review Group and no further inspections are required) or provide further detailed inspection/criteria, and add to Task Description "review information provided on TER Q-194", for each component affected.

2) SEO (J. Kammeyer) - distribute for information.

STONE & WEBSTER ENGINEERING CORPORATION

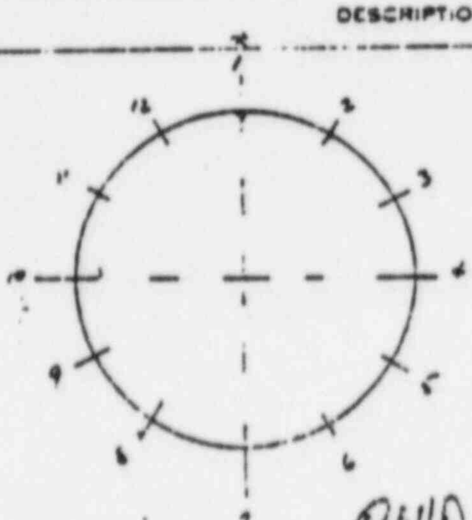
TER # Q-184
Page 5 of 5

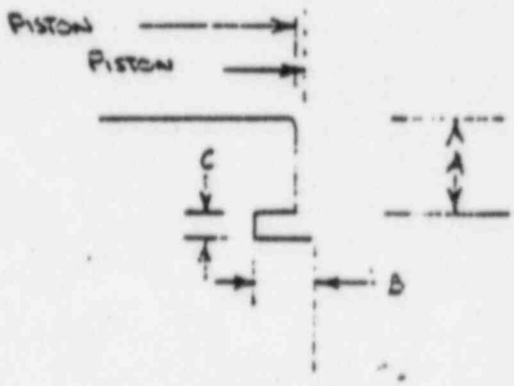
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3/12/84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
03-341 (A) ~~+ B~~ CEHO 3/12/84 PISTON DIMENSION VERIFICATION	ENGINE DG 103	IP NO 14, REV: 3 ~~SH-039~~ SH/HC 3/12/84

NO PO	ITEM	QTY	DESCRIPTION(S) AND INSPECTION REMARK(S)
	4	1	





~~PISTON # 8~~ CEHO 3/12/84

	A	B	C
* 1	~~2.301~~	~~0.567~~	~~0.251~~
2	~~2.185~~	~~0.571~~	~~0.254~~
3	~~2.1~~	~~0.570~~	~~0.254~~
4		~~0.510~~	~~0.254~~
5			
6			
7			
8			
9			
10			
11			
12			

PISTON # 5

	A	B	C
* 1	2.345	.516	.255
2	2.125	.566	.254
3	2.125	.565	.254
4	2.243	.567	.251
5	2.125	.563	.254
6	2.125	.567	.254
7	2.245	.566	.252
8	2.125	.565	.254
9	2.125	.567	.255
10	2.245	.567	.253
11	2.125	.563	.253
12	2.124	.567	.253

* LOCATION OF THE PISTON NOTCH

QUALITY CONTROL INSPECTOR	DATE	PAGE
[illegible]	3/12/84	1 of 3

Reviewed by [illegible] MTE NO 2-54-18, Due - 8/4/84

A7 0.7596

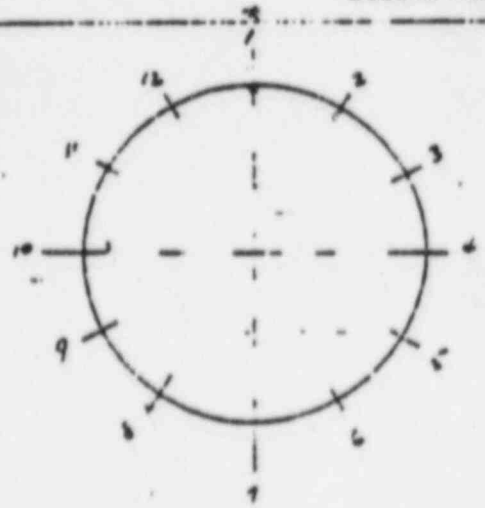
STONE & WEBSTER ENGINEERING CORPORATION

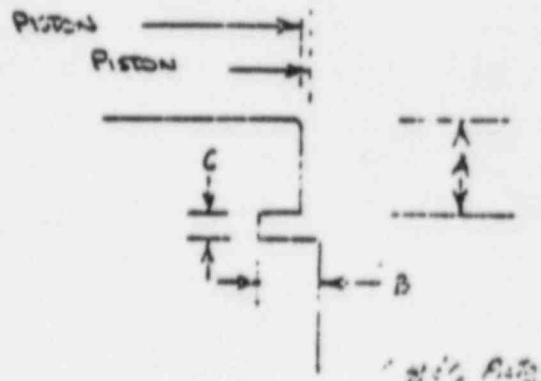
ITY CONTROL PECTION REPORT

JOB NUMBER	DATE
11600.37	3-12-54

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
03-341 (A) ~~B~~ EAW 3/12/54 PISTON DIMENSION VERIFICATION	ENGINE # BW 12-54 103	IP NO. 14 REV. 3 ~~5411-089~~ EAW 3/12/54

NO PO	ITEM	QTY	DESCRIPTION(S) AND INSPECTION REMARK(S)
4	2		





PISTON # 8

*		A	B	C
	1	2.300	.573	0.255
	2	2.176	569	0.255
	3	2.176	0.569	0.255
	4	2.298	0.570	0.255
	5	2.176	0.570	0.254
	6	2.176	0.569	0.255
	7	2.299	0.569	0.256
	8	2.175	0.571	0.255
	9	2.176	0.571	0.255
	10	2.297	0.570	0.256
	11	2.180	0.570	0.255
	12	2.177	0.570	0.254

PISTON # 7

*		A	B	C
	1	2.250	0.570	0.255
	2	2.123	0.567	0.255
	3	2.120	0.570	0.255
	4	2.250	0.570	0.255
	5	2.125	0.569	0.255
	6	2.125	0.570	0.255
	7	2.250	0.569	0.254
	8	2.125	0.567	0.254
	9	2.124	0.569	0.254
	10	2.252	0.569	0.255
	11	2.125	0.571	0.255
	12	2.126	0.571	0.255

* LOCATION OF THE PISTON NOTCH

QUALITY CONTROL INSPECTION — No. 5597

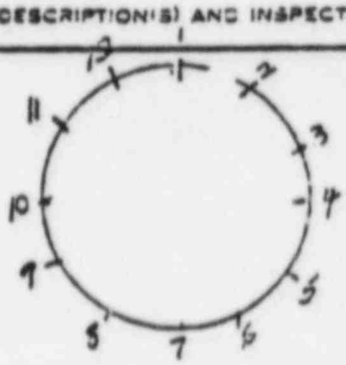
STONE & WEBSTER ENGINEERING CORPORATION

QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3/12/84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTON COMPONENT NO. 03-341A	DC- 103	I.P. NO. 14 REV. 3 CHC TER # ____ LILCO LP PROC. ____ REV. ____ DWG. NO. ____

DWG. NO. OR P.C.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	4	3	(2nd PART)



	Cyl 5	7	8
1	.246	.246	.247
2	.246	.246	.247
3	.246	.246	.247
4	.246	.246	.247
5	.246	.246	.247
6	.246	.246	.247
7	.246	.246	.247
8	.246	.246	.247
9	.246	.246	.247
10	.246	.246	.247
11	.246	.246	.247
12	.246	.246	.247

A? 0598

MATL NO. 2-53-116 (Dwg 8/4/83)

QUALITY CONTROL INSPECTOR	DATE	PAGE
[signature]	3/12/84	3 of 3

P-7-16

Q-194
03-341A

NO FURTHER INFORMATION IS REQUIRED FOR DESIGN REVIEW

K. Adam for C. Wells 2/9/84

A14593

P-7-17

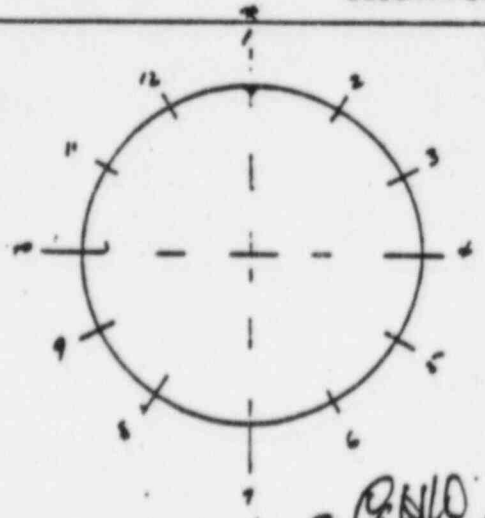
STONE & WEBSTER ENGINEERING CORPORATION

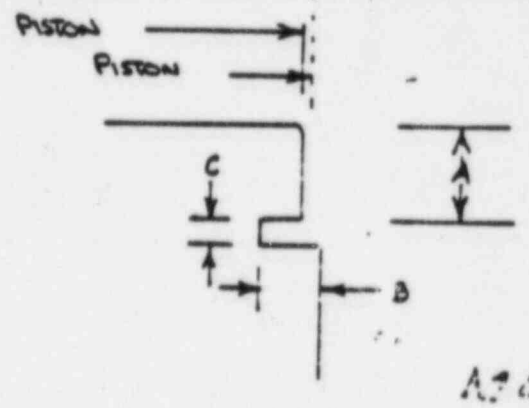
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3/12/84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
03-341 (A) ~~B~~ EHA 3/12/84 PISTON DIMENSION VERIFICATION	ENGINE DG 103	IP NO 14, REV. 3 ~~Sub 0~~ EHA 3/12/84

DWG NO OR PO	ITEM QTY	DESCRIPTION(S) AND INSPECTION REMARK(S)
	4 1	





A-11600

PISTON # ~~8~~ EHA 3/12/84

#	A	B	C
1	~~2.247~~ 2.245	0.567	0.251
2	~~2.185~~ 2.125	0.571	0.254
3	~~2.184~~ 2.125	0.570	0.254
4		0.570	0.254
5			
6			
7			
8			
9			
10			
11			
12			

PISTON # 5

#	A	B	C
1	2.245	.566	.255
2	2.125	.566	.254
3	2.125	.565	.254
4	2.243	.567	.254
5	2.125	.568	.254
6	2.125	.567	254
7	2.248	.566	.252
8	2.125	.566	.254
9	2.125	.567	.255
10	2.245	.567	.253
11	2125	.567	.253
12	2.124	.567	.253

* LOCATION OF THE PISTON NOTCH

Reviewed by PLiou... MTE NO. 2-54-18, Dwg 6/9/84

QUALITY CONTROL INSPEC./ENG. [signature] DATE 3/12/84

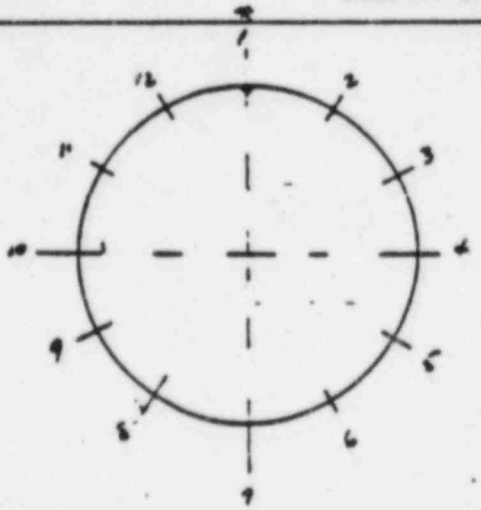
STONE & WEBSTER ENGINEERING CORPORATION

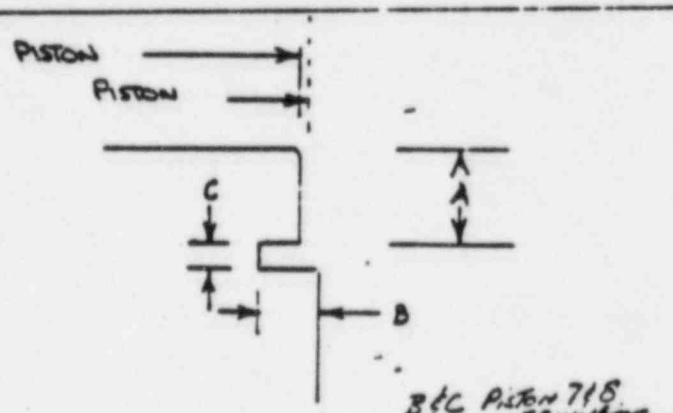
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3-12-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
CHG 3/12/84 03-341 (A) ~~B~~ PISTON DIMENSION VERIFICATION	BH 12-84 ENGINE # ~~4~~ 103	IP NO. 14 REV. 3 ~~5-11-089~~ CHG 3/12/84

DWG NO OR P O	ITEM	QTY	DESCRIPTION(S) AND INSPECTION REMARK(S)
	4	2	





B&C PISTON 718 Calculation 3/12/84

PISTON # 8

		A	B	C
*	1	2.300	.570	0.255
	2	2.176	.569	0.255
	3	2.176	0.569	0.255
	4	2.278	0.570	0.255
	5	2.176	0.570	0.254
	6	2.176	0.569	0.255
	7	2.299	0.569	0.256
	8	2.175	0.571	0.255
	9	2.176	0.571	0.255
	10	2.299	0.570	0.256
	11	2.180	0.570	0.256
	12	2.177	0.570	0.255

A# 2601

PISTON # 7

		A	B	C
*	1	2.250	0.570	0.255
	2	2.123	0.569	0.255
	3	2.120	0.570	0.255
	4	2.250	0.570	0.255
	5	2.120	0.569	0.255
	6	2.125	0.570	0.255
	7	2.250	0.569	0.254
	8	2.125	0.569	0.254
	9	2.126	0.569	0.254
	10	2.252	0.569	0.255
	11	2.125	0.571	0.255
	12	2.126	0.571	0.255

CHG 3/12

* LOCATION OF THE PISTON NOTCH

MTE NO 2-54-19 Due 4/9/84

QUALITY CONTROL INSPEC/ENG	DATE	PAGE
[signature]		2 of 3

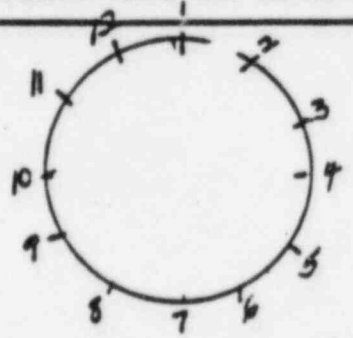
STONE & WEBSTER ENGINEERING CORPORATION

QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3/12/84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTON COMPONENT NO. 03-347A	DG- 103	I.P. NO. 14 REV. 3 CHG ___ TER # ___ LILCO LP PROC. ___ REV. ___ DWG. NO. ___

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	4	3	(2nd PART)



	Cyl 5	7	8
1	.246	.246	.249
2	.246	.246	.249
3	.246	.246	.249
4	.246	.246	.249
5	.246	.246	.249
6	.246	.246	.249
7	.246	.246	.249
8	.246	.246	.249
9	.246	.246	.249
10	.246	.246	.249
11	.246	.246	.249
12	.246	.246	.249

A1 3602

M&TE NO. 2-53-116 (Due 8/1/84) ___, ___, ___, ___, ___, ___, ___, ___

QUALITY CONTROL INSPEC./ENG.	DATE	PAGE
Herb P Dole	3/12/84	3 of 3

P-7-2.0

ATT #5

TER # Q-203

1/6

EOG 103

COMPONENT TASK EVALUATION REPORT

'STEM/COMPONENT NO.	TDI PART NO.	INITIATOR	DATE	ORGANIZATI(
03-341A D.6/03	1A-6522	Henri M Fahy SIGNATURE	3-13-84	☐ENGINEERI! ☑QUALITY

)NDITION DETAILS: ATTACHED INSPECTION REPORT (3 PAGES) GENERATED BY R. Hayes DATED 3-13-84 IS CONSIDERED INFORMATIONAL AS NO ACCEPTANCE CRITERIA WAS PROVIDED PRIOR TO THE PERFORMANCE OF THE INSPECTION.

:COMMENDATIONS: FORWARD TO DESIGN REVIEW FOR EVALUATION AND ALSO TO SEO AND LSU FOR INFORMATION ONLY.

Attached IR is informational only.
See Sheet 2 for recommended disposition.

:QUIRED COMPLETION DATE: 3-15-84

ASSIGNMENT

'ION ASSIGNED TO	RESPONSIBLE CHAIRPERSON	DATE
NGINEERING ☐ QUALITY	R. Frasier SIGNATURE	3-14-84

DISPOSITION

ISPOSITION DETAILS: Follow Procedure 1 outlined on Page 2.

ISPOSITION ASSIGNED TO ☒ ENGINEERING ☐ QUALITY ☐ NONE REQUIRED

UPPLIED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE
K Adler	3-14-84	K. Adler RESP. CHAIRPERSON	3-14-84	PROGRAM MANAGER	3/15/84

ACTION

CTION ASSIGNED TO	ACTION COMPLETED BY	DATE
C. Wells	K Adler for C Wells	3-19-84

CKS/GWR/RJN/EFM
TER LOG

A13618

P-7-21

Q-2/6

RECOMMENDED
INFORMATION TER DISPOSITION

Distribution for action as follows:

1) Design Review (G. Rogers) - Review as part of Design Review Task. Return to Quality Group a statement of acceptability (i.e., inspection information is sufficient for Design Review Group and no further inspections are required) or provide further detailed inspection/criteria, and add to Task Description "review information provided on TER Q-203", for each component affected.

2) SEO (J. Kammeyer) - distribute for information.

A14619

STONE & WEBSTER ENGINEERING CORPORATION

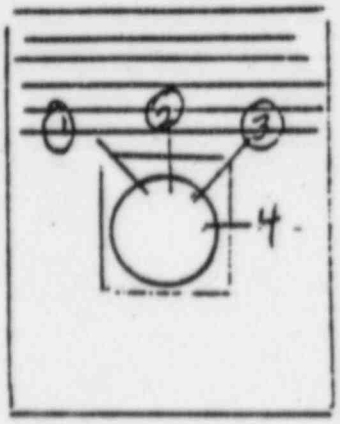
3/6

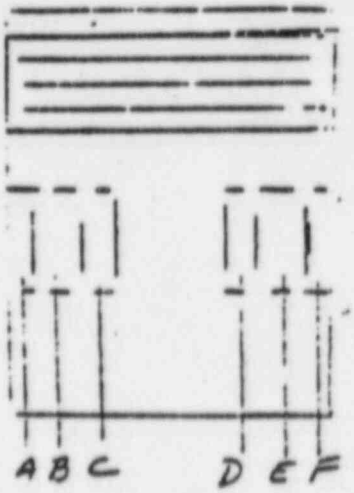
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11000.37	3-13-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: Pistons Cyl. 5	DG- 103	I.P. NO. 14 M.I.S. 11.3.84 REV. 2 CHG 0
COMPONENT NO. 03-3414		TER # D2-257
		LILCO LP PROC. _____ REV. _____
		DWG. NO. _____

ENG. NO OR P.O.	ITEM	QTY	DESCRIPTION(S) AND INSPECTION REMARK(S)
1/9	3		





	1	2	3	4
A	6.8[illegible]	[illegible]	6.75[illegible]	[illegible]
B	6.750	6.750	6.75[illegible]	[illegible]
C	6.750	6.750	6.751	6.750
D	6.751	6.751	6.750	[illegible]
E	6.751	6.751	6.750	6.751
F	6.751	6.751	6.753	6.751

A1 0520

MATE NO. 2-5-2-11, DUE 12-27-84, _____, _____, _____, _____, _____, _____, _____

[illegible] 3/13/84

[illegible] INSPECTOR'S INSPECTION | DATE | PAGE

4/6

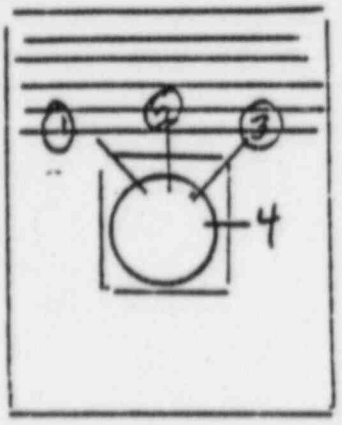
STONE & WEBSTER ENGINEERING CORPORATION

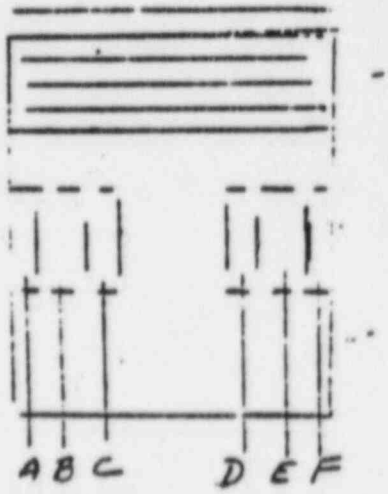
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	2-13-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTONS, CYL. 7	DG- 103	I.P. NO. 1 REV. 2 CHG 0 (14 NCR 2.1.1.4)
COMPONENT NO. 03-3-1A		TER # [illegible]
		LILCO LP PROC. _____ REV. ___
		DWG. NO. _____

VG. NO R P.O.	ITEM	QTY	DESCRIPTION(S) AND INSPECTION REMARK(S)
	N/A		





	1	2	3	4
A	6.750	6.750	6.751	6.751
B	6.750	6.750	6.751	6.751
C	6.750	6.750	6.751	6.750
D	6.751	6.750	6.750	6.751
E	6.751	6.751	6.750	6.751
F	6.751	6.751	6.750	6.751

AA 25522

MATE NO. 2-50 11, DMR 1-23-84

REVIEWED [signature] 2/13/84

QUALITY CONTROL INSPECTION | DATE | PAGE

P-7-24

5/6

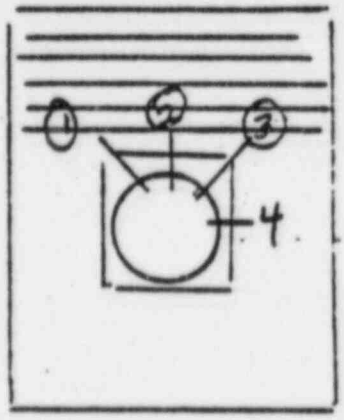
STONE & WEBSTER ENGINEERING CORPORATION

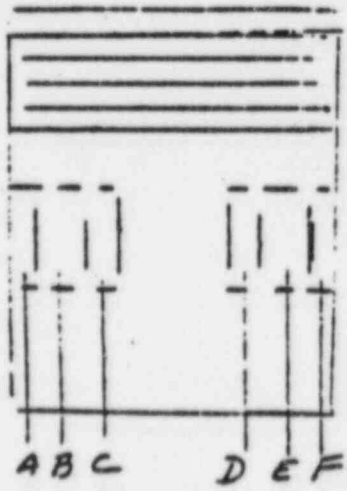
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER 11600.37 | DATE 3-13-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTONS CYL. 8	DG- 103	I.P. NO. 14 N.C.R. 34494 REV. 2 CHG 0
COMPONENT NO. 03-3-11A		TER # 83-257
		LILCO LP PROC. _____ REV. _____
		DWG. NO. _____

G. NO. P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
N/A	—	—	





	1	2	3	4
A	6.750	6.750	6.750	6.750
B	6.750	6.750	6.750	6.750
C	6.750	6.750	6.750	6.750
D	6.750	6.750	6.750	6.750
E	6.750	6.750	6.750	6.750
F	6.750	6.750	6.750	6.750

M 2502

M&TE NO. N-2-11, DUE 11/22/84

REVIEWED [signature] 3/13/84 | QUALITY CONTROL ENGR | DATE | PAGE

P-7-25

6/6

COMPONENT TASK EVALUATION REPORT

EM/COMPONENT NO.	TDI PART NO.	INITIATOR	DATE	ORGANIZATI
03-341A	03--341A	SIGNATURE	3/12/84.	☒ENGINEER ☐QUALITY

NDITION DETAILS: IP No 14 needs clarification on LP Test requirements for the Pisto
lso, dimensional inspections of the piston pin ~~bore~~ bore area are needed.
hese requirements are for cylinders #5,7 & 8.

COMMENDATIONS: Revise IP No 14 to delete the LP test of the piston pin boss area.
on The LP test of the piston skirt at the bosses for belt attachment if crown is requ
In addition, the following dimensional inspection is to be added to IP No. 14:
Perform Dimensional Inspection of the Piston Pin ~~Bore~~ bore Diameter at 45° intervals aroun
the circumference (i.e. 4 measurements) and perform the inspection at 3 bore depths and
on both sides of the pistons. ~~Examine for scratches and~~
QUIRED COMPLETION DATE: 3/12/84

ASSIGNMENT

SITION ASSIGNED TO	RESPONSIBLE CHAIRPERSON	DATE
ENGINEERING ☒QUALITY	SIGNATURE for GWR	3/12/84

DISPOSITION

SPOSITION DETAILS: M. Curry - Revise T.D. accordingly
EFM - Revise CTS
B. Murray - Revise IP
INSpections to proceed T.D update if required

SPOSITION ASSIGNED TO ☐ ENGINEERING ☒QUALITY ☐ NONE REQUIRED

ORDERED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE
	3-12-84	RESP. CHAIRPERSON	3-12-84	PROGRAM MANAGER	3/12/8

ACTION

TION ASSIGNED TO	ACTION COMPLETED BY	DATE
AGC, EFM, B Murray INFO: MHS S'Brinton		

: CKS/GWR/RJN/EFM
TER LOG

AJ 05273

Q.203
03.341A

NO FURTHER INFORMATION IS REQUIRED FOR DESIGN REVIEW

K. Adam for C. Wells 3/19/84

P-7-27

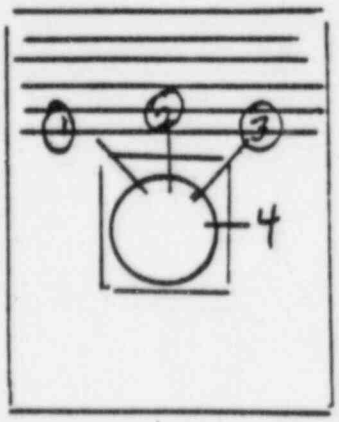
STONE & WEBSTER ENGINEERING CORPORATION

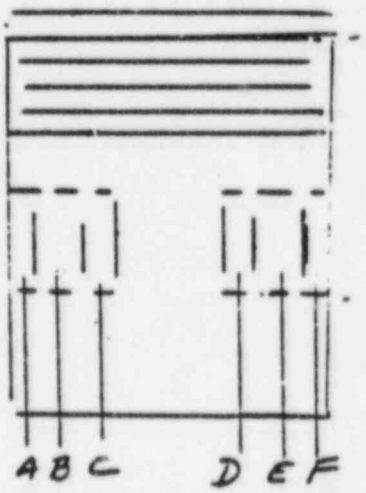
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3-13-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTONS CYL. 5	DG- 103	I.P. NO. 2 (14 N.C. 3/13/84) REV. 3 CHG 0
COMPONENT NO. 03-341A		TER # DR-239
		LILCO LP PROC. _____ REV. _____
		DWG. NO. _____

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	N/A	3	





	①	②	③	④
A	6.750	6.750	6.751	6.751
B	6.750	6.750	6.751	6.751
C	6.750	6.750	6.751	6.750
D	6.751	6.751	6.750	6.750
E	6.751	6.751	6.750	6.751
F	6.751	6.751	6.750	6.751

M 2535

M&TE NO. 02-52-11, DUE 12/22/84, _____, _____, _____, _____, _____, _____, _____

QUALITY CONTROL INSPECTOR [signature] 3/13/84 | QUALITY CONTROL INSPECTING ENG [signature] | DATE 3-13-84 | PAGE 1 of 3

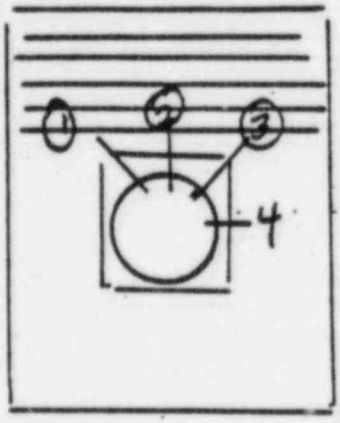
STONE & WEBSTER ENGINEERING CORPORATION

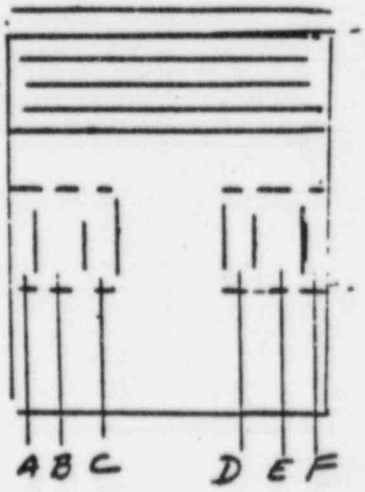
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3-13-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTONS CYL. 7	DG- 103	I.P. NO. 7 (14 R.I. 3/13/84) REV. 3 CHG 0
COMPONENT NO. 03-341A		TER # DR-239
		LILCO LP PROC. _____ REV. _____
		DWG. NO. _____

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	N/A		





	①	②	③	④
A	6.750	6.750	6.751	6.751
B	6.750	6.750	6.751	6.751
C	6.750	6.750	6.751	6.750
D	6.751	6.750	6.750	6.751
E	6.751	6.751	6.750	6.751
F	6.751	6.751	6.750	6.751

MASTER

M&TE NO. 052-11, DUE 12/22/84, _____, _____, _____, _____, _____, _____, _____, _____

REVIEWED [signature] 3/13/84

QUALITY CONTROL INSPEC./ENG [signature] DATE 3-13-84

P-7-29

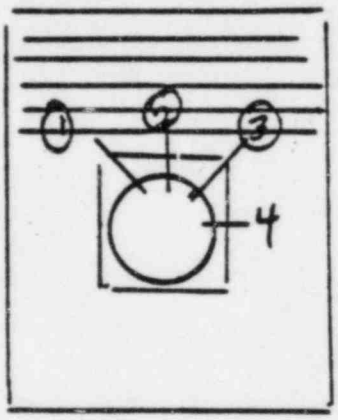
STONE & WEBSTER ENGINEERING CORPORATION

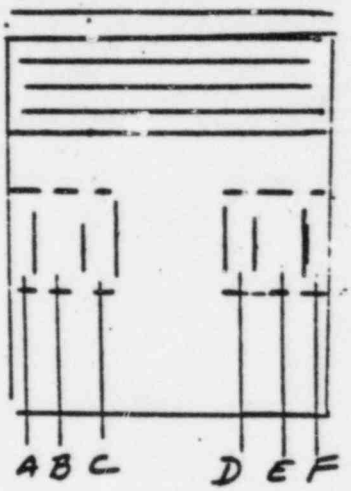
QUALITY CONTROL INSPECTION REPORT

JOB NUMBER	DATE
11600.37	3-13-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: PISTONS CYL. 8	DG- 103	I.P. NO. 14 N.C.I. 3/13/84 REV. 3 CHG 0
COMPONENT NO. 03-341A		TER # DB 239
		LILCO LP PROC. _____ REV. _____
		DWG. NO. _____

DWG. NO OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	N/A		





	1	2	3	4
A	6.750	6.750	6.750	6.750
B	6.750	6.750	6.750	6.750
C	6.750	6.750	6.750	6.750
D	6.750	6.750	6.750	6.750
E	6.750	6.750	6.750	6.750
F	6.750	6.750	6.750	6.750

M&TE NO. 0-52-11, DUE 12/22/84

Reviewed [signature] 3/13/84

QUALITY CONTROL INSPECTION | DATE 3-13-84 | PAGE 3 -- 3

DC 102, Book 2 Page 10 of 2

INFO

NOTED FEB 20 1984

ATT #5 to DR 182.

COMPONENT TASK EVALUATION REPORT

M/COMPONENT NO.	TDI PART NO.	INITIATOR	DATE	ORGANIZATI
PISTON (PISTON) 03-341-A	A-6522	F. Bernard SIGNATURE	2/19/84	☑ ENGINEERI ☒ QUALITY

CONDITION DETAILS:

ADDITIONAL INSPECTION FOR TERQ-21 PISTON 5 AND 7

RECOMMENDATIONS:

SUBMITTED FOR FAA REVIEW & ACTION AND SEO - [redacted] FOR [redacted] INFO.

REQUIRED COMPLETION DATE: 2/19/84

ASSIGNMENT

POSITION ASSIGNED TO	RESPONSIBLE CHAIRPERSON	DATE
☒ ENGINEERING ☐ QUALITY	Nicholas A. Saleta SIGNATURE	2/19/84

DISPOSITION

DISPOSITION DETAILS:

Send copy to C. Wells/FAA, and SEO for information only.

DISPOSITION ASSIGNED TO ☒ ENGINEERING ☐ QUALITY ☐ NONE REQUIRED

SUPPLIED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE
Robert R Scheibe	2/19/84	S. Neil for G.W. Rogers RESP. CHAIRPERSON	2/19/84	C.A. Foame PROGRAM MANAGER	2/20/84

ACTION

ACTION ASSIGNED TO	ACTION COMPLETED BY	DATE
C. Wells/FAA	C. Wells	2/27/84

CC: CKS/GWR/RJN/EFM
TER LOG

ATT #5

A4-5560

P-7-31

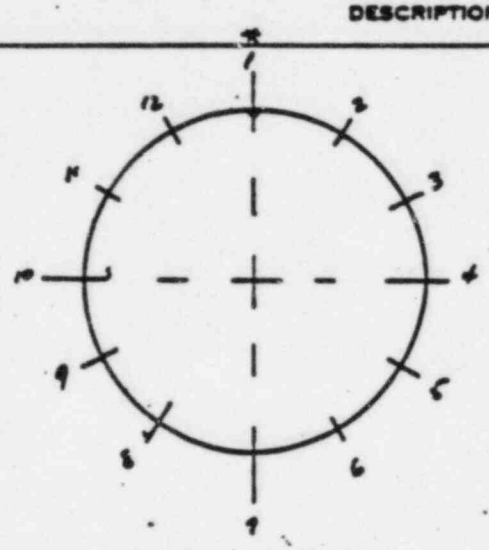
STONE & WEBSTER ENGINEERING CORPORATION

QUALITY CONTROL INSPECTION REPORT

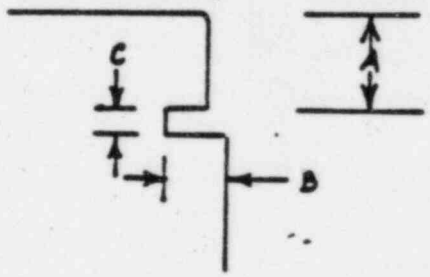
JOB NUMBER	DATE
11600.37	2/17/84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
03-341 A & B Rev 1 PISTON DIMENSION VERIFICATION	ENGINE 102	SH 089 TER-Q-21 M&TE USED: 2-54-06 DUE 9/10/84 2-51-03 DUE 8/6/84 2-54-18 DUE 8/9/84

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	5		



PISTON 5 → DIAMETER 16.775
PISTON 7 → DIAMETER 16.900



PISTON # 5

		A	B	C
*	1	2.240	.570	.255
	2	2.105	.570	.255
	3	2.105	.570	.255
	4	2.240	.570	.255
	5	2.115	.570	.255
	6	2.115	.570	.255
	7	2.240	.570	.255
	8	2.115	.570	.255
	9	2.115	.570	.255
	10	2.240	.570	.255
	11	2.115	.570	.255
	12	2.110	.570	.255

PISTON # 7

		A	B	C
*	1	2.280	.569	.255
	2	2.150	.568	.255
	3	2.150	.568	.255
	4	2.280	.567	.255
	5	2.150	.567	.255
	6	2.150	.568	.255
	7	2280	.568	.255
	8	2.150	.569	.255
	9	2.150	.569	.255
	10	2.280	.569	.255
	11	2.150	.569	.255
	12	2.150	.570	.255

* LOCATION OF THE PISTON NOTCH

NOTED FEB 17 1984

QUALITY CONTROL INSPEC./ENG. [signature] DATE 2/17/84 PAGE 1 OF 1

P-7-32

DR-182

This inspection report is acceptable for design review

Carol Bobroff for Cliff Wells

personal comm. 2/27/84

A105562

P-7-33

DATE: 2-18-84

TO: E. J. Youngling
LSU Manager

FROM: C. K. Seaman
DR/QR Program Manager

SUBJECT: RELEASE FOR REASSEMBLY FROM DR/QR PROGRAM
COMPONENT NO. 03-341A
COMPONENT TITLE PISTONS
EMERGENCY DIESEL GENERATOR NO. 102

This is to advise you that the subject component no./title for the stated Emergency Diesel Generator Unit has been released by the Design Review/Quality Revalidation (DR/QR) Program for completion of its Quality Revalidation inspections, to LILCO Start-up (LSU) for reassembly. This release is acknowledged by the signatures shown below.

C. K. Seaman
DR/QR Program Manager

G. W. Rogers
Design Review Group Chairperson

J. C. Kammeyer 2/18/84
J. C. Kammeyer
Stone & Webster Engineering Corp. (SEO

Note: This release is applicable only to the satisfactory completion of DR/QR Program component inspection requirements. Outstanding LDR's, E&DCR's, etc. and their satisfactory resolution are not covered under this release. Furthermore, completion of the Design Review portion of the DR/QR Program may result in additional component inspection requirements.

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