

EDG 101

8412140425 840910  
PDR ADOCK 05000322  
G PDR

# INTEROFFICE CORRESPONDENCE

TO: DISTRIBUTION	LOCATION SNPS-1	SUBJECT / REFERENCE / J.O. NO. 11600.37 Component No. 03-241A
FROM: R. MURRAY	LOCATION QEC	TRANSMITTAL OF SAT I.R.'s 1444.1

MESSAGE: —

ATTACHED PLEASE FIND one SATISFACTORY INSPECTION REPORTS  
GENERATED BY THE QUALITY REVALIDATION INSPECTION GROUP AND REVIEWED BY  
THE QUALITY ENGINEERING GROUP. THEY ARE FORWARDED TO YOU FOR YOUR  
INFORMATION IN ACCORDANCE WITH EDG QR/DR PROGRAM MEMO R. NAJUCH

3-21-84

DATE

*R. Murray*  
SIGNATURE

564

TELEPHONE

REPLY:

DIST. R. NAJUCH (IOC ONLY)  
G. ROGERS DRG W/ ATTACHMENTS  
J. E. KELLY LILCO FQA (NDE RELATED IR's ONLY) W/ATTACHMENTS.

DATE

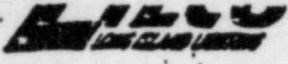
SIGNATURE

TELEPHONE

QUALITY CONTROL  
INSPECTION REPORTJOB NUMBER  
11600.37DATE  
3-21-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: <i>Pistons</i>	DC- <i>101</i>	I.P. NO. <i>14</i> REV. <i>4</i> CHG <i>0</i>
COMPONENT NO. <i>03-341A</i>		TER # <i>N/A</i>
		LILCO LP PROC. <i>6.2</i> REV. <i>1</i>
		DWG. NO. <i>N/A</i>

WG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	<i>1</i>	<i>2</i>	<i>Performed LP on Piston Pin Bosses</i> <i>Cylinder Nos 5 &amp; 7 SAT</i> <i>No Recordable Indications</i>
MATE NO. _____			
REVIEWED: <i>H. J. Smith</i> <i>3/21/84</i>			
QUALITY CONTROL INSPCT/ENG. <i>Tom D. Smith</i>			DATE <i>3-21-84</i>
			PAGE <i>1 of 2</i>



LIQUID PENETRANT EXAMINATION REPORT

Page 2 of 2

A. MATERIAL <i>Carbon Steel</i>		TYPE <i>N/A</i>	FABRICATED PROCESS <input type="checkbox"/> WELDED <input checked="" type="checkbox"/> CAST <input type="checkbox"/> WORKED		COMPONENT I.D. <i>03-341-A</i> <i>Piston Pin Bosses</i>  SYSTEM <i>R-43</i>  PLANT/LOCATION
		GEOMETRY <input type="checkbox"/> PIPE <input type="checkbox"/> PLATE <input type="checkbox"/> ROD <input checked="" type="checkbox"/> OTHER:			
CROSS SECTION THICKNESS	MAX <i>N/A</i> MIN	PIPE DIA. <i>N/A</i>	SURFACE CONDITION <input checked="" type="checkbox"/> MACHINED <input type="checkbox"/> GROUND <input type="checkbox"/> AS FABRICATED <input type="checkbox"/> OTHER		
B. NDE PROCEDURE No. <i>6.2 Rev 1</i>		SURFACE/MAT'L. TEMP. <i>78°F</i>		MATE. NO. <i>7-11-708</i>	MWR/RR. No.
INSPECTION MATERIALS		BRAND	DESIGNATION	BATCH NO.	
1. PRE-CLEANER		<i>MagnaFlux</i>	<i>SKC-NF/ZC-7B</i>	<i>84A028</i>	
2. PENETRANT		<i>Spotcheck</i>	<i>SKL-HF/KL-5</i>	<i>R1E1E0</i>	
3. EMULSIFIER AND/OR REMOVER		<i>MagnaFlux</i>	<i>SKC-NF/ZC-7B</i>	<i>84A028</i>	
4. DEVELOPER		<i>MagnaFlux</i>	<i>SKD-NF/ZD-9A</i>	<i>83HC-11</i>	
5. POST EXAMINATION CLEANER		<i>MagnaFlux</i>	<i>SKC-NF/ZC-7B</i>	<i>84A028</i>	
SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY <div style="text-align: center; padding: 20px;"> <i>DG-101</i>  <i>LP on cylinders #5 &amp; #7 Piston Pin Bosses</i>  <i>No Recordable Indications</i> </div>					
C. EVALUATION		REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.			
LOCATION	SIZE (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)		
1					
2					
3					
4					
D. ACCEPTANCE CRITERIA	<i>4.2</i>		OPERATOR <i>David Wilson</i> Level <i>II</i> Date <i>3-21-84</i>		
E. ATTEST	<i>Lee K. ...</i> RESPONSIBLE CERTIFIED		LEVEL <i>II</i> DATE <i>3-21-84</i>		

## INTEROFFICE CORRESPONDENCE

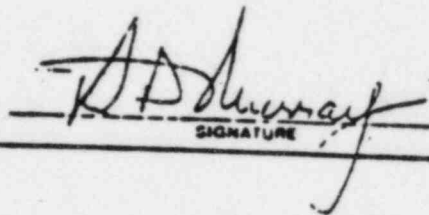
TO: DISTRIBUTION	LOCATION SNPS-1	SUBJECT / REFERENCE / J.O. NO. 11600.37 <i>OG 101</i> <i>03-341A</i>
FROM: R. MURRAY	LOCATION QEG	TRANSMITTAL OF SAT I.R.'s <i>ATT #1</i>

MESSAGE: —

ATTACHED PLEASE FIND 1 SATISFACTORY INSPECTION REPORTS *2pgs*  
 GENERATED BY THE QUALITY REVALIDATION INSPECTION GROUP AND REVIEWED BY  
 THE QUALITY ENGINEERING GROUP. THEY ARE FORWARDED TO YOU FOR YOUR  
 INFORMATION IN ACCORDANCE WITH EDG QR/DR PROGRAM MEMO R. NAJUCH

3-22-84

DATE



SIGNATURE

562

TELEPHONE

REPLY:

✓ DIST. R. NAJUCH (IOC ONLY)  
 ✓ G. ROGERS DRG W/ ATTACHMENTS  
 ✓ E. KELLY LILCO FQA (NDE RELATED IR's ONLY) W/ATTACHMENTS.

DATE

A 048130

SIGNATURE

TELEPHONE



## STONE &amp; WEBSTER ENGINEERING CORPORATION

QUALITY CONTROL  
INSPECTION REPORT

1248.13

JOB NUMBER

11600.37

DATE

3-22-84

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	REFERENCE DOCUMENT(S)
COMPONENT NAME: Piston Cyl #8 Reinspection Boss #1  COMPONENT NO. 03-341A	DG- 101	I.P. NO. 14 REV. 4 CHG 0  TER # NA LILCO LP PROC. G.1/A.2 REV. 2/ DWG. NO. NA

WG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	1	1	PT performed per request of LILCO representative.  * Witnessed By Nelson C. IRVING: LILCO III <i>Nelson C. Irving LIII</i> 3-22-84
DATE NO.			7-11-708

QUALITY CONTROL INSP/ENG.

*Cal Farner*

DATE

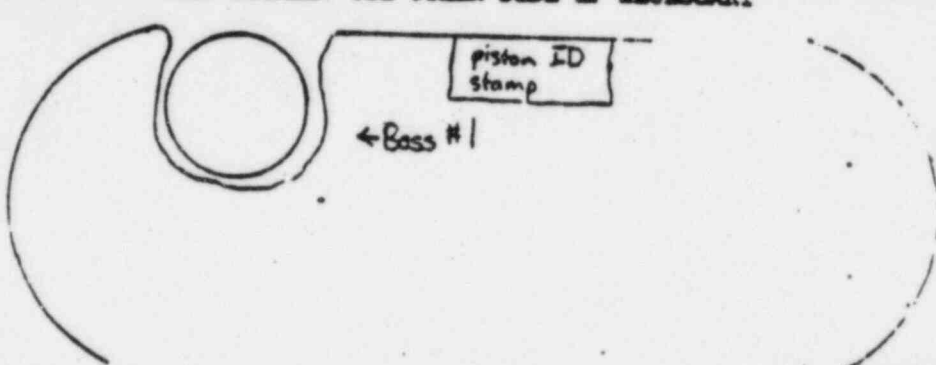
3-22-84

PAGE

1 of 2



## LIQUID PENETRANT EXAMINATION REPORT

A. MATERIAL		TYPE	FABRICATED PROCESS		<input type="checkbox"/> WELDED	<input checked="" type="checkbox"/> CAST	<input type="checkbox"/> WORKED
		GEOMETRY	<input type="checkbox"/> PIPE	<input type="checkbox"/> PLATE	<input type="checkbox"/> ROD	<input checked="" type="checkbox"/> OTHER:	
CROSS SECTION THICKNESS	MAY 6" MIN 1/2"	PIPE DIA.	NA	SURFACE CONDITION	<input checked="" type="checkbox"/> MACHINED	<input type="checkbox"/> GROUND	<input type="checkbox"/> OTHER
B. NDE PROCEDURE No. 61/62		SURFACE/MAT'L TEMP. 73°F		MATE. NO. 7-11-78	MWR/RR. No.		
INSPECTION MATERIALS		BRAND	DESIGNATION		BATCH NO.		
1. PRE-CLEANER		Magnaflux	SKC-WF/ZC-7B		81A008		
2. PENETRANT		Magnaflux	SKL-HF/SKL-S		81E180		
3. DENSIFIER AND/OR REMOVER		Magnaflux	SKC-WF/ZC-7B		81A008		
4. DEVELOPER		Magnaflux	SKD-WF/ZC-7B		83H041		
5. POST EXAMINATION CLEANER		Magnaflux	SKC-WF/ZC-1P		81A028		
SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY 							
C. EVALUATION		REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.					
LOCATION	SIZ (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)				
1			No relevant indications exceeding				
2			acceptance criteria; no linear				
3			indications.				
4							
D. ACCEPTANCE CRITERIA		proc. 6.2 para. 4.2		OPERATOR		Date	
				Level II		3-22-84	
E. ATTEST		RESPONSIBLE CERTIFIED PERSON		LEVEL		DATE	
		Helen C. [Signature]		III Lilco		3-22-84	

COMPONENT I.D.

03-344

SYSTEM

Diesel Generator ID1

PLANT/LOCATION

Sarnam

## INTEROFFICE CORRESPONDENCE

TO: DISTRIBUTION	LOCATION SNPS-1	SUBJECT / REFERENCE / J.O. NO. 11600.37 Component No. 03-341A
FROM: R. MURRAY	LOCATION QEG	TRANSMITTAL OF SAT I.R.'s ATT. 1
MESSAGE: —		

ATTACHED PLEASE FIND One SATISFACTORY INSPECTION REPORTS  
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THE QUALITY ENGINEERING GROUP. THEY ARE FORWARDED TO YOU FOR YOUR  
INFORMATION IN ACCORDANCE WITH EDG QR/DR PROGRAM MEMO R. NAJUCH

3-26-84

DATE

*R. Murray*  
SIGNATURE

564

TELEPHONE

REPLY:

DIST. R. NAJUCH (IOC ONLY)  
G. ROGERS DRG W/ ATTACHMENTS  
J. E. KELLY LILCO FQA (NDE RELATED IR's ONLY) W/ATTACHMENTS.

DATE

A 04120

SIGNATURE

TELEPHONE



# QUALITY CONTROL INSPECTION REPORT

3928.19

**JOB NUMBER**

11600.37

**GATE**

3-26-84

SYSTEM(S) OR  
PART(S) NAME

LOCATION(S)

REFERENCE  
DOCUMENT(S)

COMPONENT NAME:

Piston

DG- 101

I.P. NO. 17 REV. 7 CHG 0

TER # 091

LILCO LP PROC. 6.2 REV.

DWG. NO. 201.4

COMPONENT NO. 03-341A

JWG. NO.  
OR P.O.

**ITEM**

LOTY

DATE	LOCATION	DESCRIPTION(S) AND INSPECTION REMARK(S)
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
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11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000
11/1/78	1000	1000

1

1

Performed a LPhexam on Piston = 8. Ranges A, C + D

SAT

NOTE NO.

- N/A

REVIEWED: A.W. General  
3-21-84

QUALITY CONTROL / INSPECTION

**GATE**

3-46-87

PAGE

1 of 2



## LIQUID PENETRANT EXAMINATION REPORT

page 2 of 2

A. MATERIAL Carbon Steel		TYPE	FABRICATED PROCESS	<input type="checkbox"/> WELDED <input checked="" type="checkbox"/> CAST <input type="checkbox"/> WORKED
CROSS SECTION THICKNESS	MAX MIN	GEOMETRY	<input type="checkbox"/> PIPE <input type="checkbox"/> PLATE <input type="checkbox"/> ROD	<input checked="" type="checkbox"/> OTHER:
	N/A	PIPE DIA.	N/A	<input checked="" type="checkbox"/> MACHINED <input type="checkbox"/> GROUND
		SURFACE CONDITION	<input checked="" type="checkbox"/> AS FABRICATED	<input type="checkbox"/> OTHER

B. NDE PROCEDURE No. 6.2	SURFACE/MAT'L. TEMP. 80°F	MATE. NO. 7-11-70-8	MWR/RR. No. N/A
--------------------------	---------------------------	---------------------	-----------------

INSPECTION MATERIALS	BRAND	DESIGNATION	BATCH NO.
1. PRE-CLEANER	Magnaflux	SKC-NF/ZC-7B	84A028
2. PENETRANT	Spotcheck	SKL-HF/SKL-S	81E180
3. EMULSIFIER AND/OR REMOVER	Magnaflux	SKC-NF/ZC-7B	84A028
4. DEVELOPER	Magnaflux	SKD NF/ZP-7B	83H041
5. POST EXAMINATION CLEANER	Magnaflux	SKC-NF/ZC-7B	84A028

SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY

Performed L. Pen exam of Piston #8. Bosses A, C, D  
Sat

## C. EVALUATION

REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.

LOCATION	SIZE (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)
1			
2			A
3			
4	N		

D. ACCEPTANCE CRITERIA	4.2	OPERATOR	Michael [signature]
		Level	2
		Date	3/26/84

E. ATTEST	RESPONSIBLE	LEVEL	DATE
	Michael [signature]	2	3/26/84

PISTON I.D.

63-341A

SISTEM

R413

PLANT/LOCATION DC-101

1	<b>LILCO</b> <b>DEFICIENCY REPORT</b>		<input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER	LDR RESPONSIBILITY <u>M. Herlihy</u> <u>LSU</u>	LDR NUMBER <u>2266</u> <u>101 OUTAGE</u>
2	SYSTEM/COMPONENT <u>Case Detail Box</u>	SYSTEM DESIGNATOR <u>1843</u>	MARK NO. <u>1843-EPG 101</u>	DATE <u>3/2/84</u>	Q CLASS <input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III
3	MFG/CONTRACTOR <u>TDI</u>	P.O. <u>710552</u>	MATERIAL LOCATION <u>TR 62' up down area</u>	REJECT TAG NO. <u>492</u>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
4	SPEC. VIOLATED <u>SHI-089</u>	DRAWING VIOLATED <u>N/A</u>	PROCEDURE VIOLATED <u>N/A</u>	CODE/STANDARD VIOLATED <u>N/A</u>	
5	CONDITION DETAILS <u>TR 9-335 (03-341A) reports worst conditions. Attached OGER and LP exam report for piston cyl #8 show conditions requiring engineering evaluation.</u> <div style="text-align: center;"> <h1>03-341A</h1> <h2>FOR INFORMATION ONLY</h2> </div>				
6	ORIGINATOR <u>C. P. Blane</u> <u>3.21.84</u> SIGNATURE DATE		OQAE <u>[Signature]</u> <u>3/21/84</u> SIGNATURE DATE		
7	RESPONSIBILITY <input type="checkbox"/> LSU <input checked="" type="checkbox"/> S & W ENG. <u>[Signature]</u> SIGNATURE/LEAD SU ENG.			DATE <u>3/21/84</u>	
8	ACTION <input checked="" type="checkbox"/> ACCEPT AS IS <input type="checkbox"/> RERWORK <input type="checkbox"/> MANUAL <input type="checkbox"/> PSAR <input type="checkbox"/> SCRAP <input type="checkbox"/> REPAIR <input type="checkbox"/> PROCEDURE <input type="checkbox"/> OTHER				
9	DISPOSITION DETAILS <u>ACCEPT AS IS. AREA OF CONCERN, BOLT HOLE BOSS AREA, WAS REEXAMINED. REFERENCE ATTACHED INSPECTION REPORT DATED 3/22/84. NO RELEVANT INDICATIONS WERE IDENTIFIED.</u>				
10	APPROVALS <u>[Signature]</u> <u>3/24/84</u> S & W LEAD ENG./LSU TEST/ENG./DATE		<u>X Kammeyer</u> <u>3/24/84</u> PROJECT ENGINEER DATE		
11	<u>[Signature]</u> <u>3/24/84</u> LILCO BU ENG. DATE	<u>[Signature]</u> <u>3/22/84</u> LILCO SITE OGA DATE	REPAIR/REWORK REQUEST NO. <u>N/A</u>		
12	ENG. COMPLETE/DATE <u>[Signature]</u>	RRR COMPLETE <u>[Signature]</u>	REWORK INSPECTION <input type="checkbox"/> SAT. <input checked="" type="checkbox"/> UNSAT. <u>[Signature]</u> LILCO SITE OGA/DATE		
13	LDR <u>[Signature]</u> <u>3/27/84</u> LILCO SITE OGA/DATE	NEW LDR REPORT NO. ISSUED <u>N/A</u>		REMARKS <u>N/A</u>	

## COMPONENT INSPECTION REPORT

1/4

SYSTEM/COMPONENT NO. CYL B 36 03-341A 101	TDI PART NO. 1A-6522 03-341A	INITIATOR <u>G. G. G. K.</u> SIGNATURE	DATE 3-20-84	ORGANIZATION <input type="checkbox"/> ENGINEERING <input checked="" type="checkbox"/> QUALITY
---	------------------------------------	--	-----------------	---

CONDITION DETAILS: ATTACHED INSPECTION REPORT (2 PAGES) GENERATED BY C. LARSON  
DATED 3-20-84 REPORTS UNSATISFACTORY INSPECTION RESULTS FOR THIS PART.

RECOMMENDATIONS: FORWARD TO DESIGN REVIEW FOR DISPOSITION. *IN Attached is unsatisfactory - see sheet 2 for recommended disposition*

REQUIRED COMPLETION DATE:

ASSIGNMENT		
DISPOSITION ASSIGNED TO ENGINEERING <input type="checkbox"/> QUALITY	RESPONSIBLE CHAIRPERSON <u>Michael Sturmy</u> SIGNATURE	DATE 3-20-84

DISPOSITION	
DISPOSITION DETAILS:	

DISPOSITION ASSIGNED TO <input type="checkbox"/> ENGINEERING <input type="checkbox"/> QUALITY <input type="checkbox"/> NONE REQUIRED					
APPLIED BY	DATE	REVIEWED BY	DATE	APPROVED BY	DATE
RESP. CHAIRPERSON			PROGRAM MANAGER		

ACTION		
ACTION ASSIGNED TO	ACTION COMPLETED BY	DATE

CKS/GWR/AJH/EFM  
ER LOG

UNSAT TER DISPOSITIONPAGE 2 OF 4

Distribute 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-335", for each component affected.
- 2) SFO (J. Karmeyer) - distribute for information.
- 3) LSU/QDA - review for applicability and issue LDR as needed.
- 4) M. Schuster - obtain LDR number as issued for component files and closeout.



# QUALITY CONTROL INSPECTION REPORT

STONE &amp; WEBSTER ENGINEERING CORPORATION

JOB NUMBER

11600.37

DATE

3-20-64

SYSTEM(S) OR  
PART(S) NAME

LOCATION(S)

REFERENCE  
DOCUMENT(S)

COMPONENT NAME:

DG-101

I.P. NO. 14 REV. 4 CHG 17

TER 0 N/A

LILCO LP PROC. 3-16-62 REV. 1

COMPONENT NO.

DWG. NO. N/A

DWG NO  
OR P.O.

ITEM QTY

DESCRIPTION(S) AND INSPECTION REMARK(S)

NOTE NO.

7-10-64 75 2/2/64


QUALITY CONTROL INSPEC. ENG.

DATE

PAGE

## LIQUID PENETRANT EXAMINATION REPORT

4/4

A. MATERIAL		TYPE <u>CS</u>	FABRICATED PROCESS <input type="checkbox"/> WELDED <input type="checkbox"/> CAST <input checked="" type="checkbox"/> WORKED		PT COMPONENT I.D.
		GEOMETRY <input type="checkbox"/> PIPE <input type="checkbox"/> PLATE <input type="checkbox"/> ROD <input checked="" type="checkbox"/> OTHER:			
CROSS SECTION THICKNESS	MAX <u>6"</u> MIN <u>1/4"</u>	PIPE DIA. <u>NA</u>	SURFACE CONDITION <input checked="" type="checkbox"/> MACHINED <input type="checkbox"/> GROINED <input type="checkbox"/> AS FABRICATED <input type="checkbox"/> OTHER		
B. PDE PROCEDURE No. <u>Q2 60</u>		SURFACE/MAT'L TEMP. <u>91 F</u>		MATL. NO. <u>3007</u>	MWR/RR. No.
INSPECTION MATERIALS		BRAND	DENIGRATION	BATCH NO.	
1. PRE-CLEANER		<u>Fluoroblen</u>	<u>SKC-NF/EC-71</u>	<u>2-1-10</u>	
2. PENETRANT		<u>"</u>	<u>SKC-NF/EC-71</u>	<u>2-1-10</u>	
3. EMULSIFIER AND/OR REMOVER		<u>"</u>	<u>See 1</u>	<u>"</u>	
4. DEVELOPER		<u>"</u>	<u>SKC-NF/EC-71</u>	<u>2-1-10</u>	
5. POST EXAMINATION CLEANER		<u>"</u>	<u>See 1</u>	<u>"</u>	
SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY					
					
C. EVALUATION		REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.			
LOCATION	SIZE (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)		
1	<u>See sketch</u>		<u>Reject</u>		
2					
3					
4					
D. ACCEPTANCE CRITERIA		OPERATOR <u>                    </u> Level <u>                    </u> Date <u>                    </u>			
E. ATTENT					

SIGHT

PLANT/LOCATION

## STONE &amp; WEBSTER ENGINEERING CORPORATION

QUALITY CONTROL  
INSPECTION REPORTJOB NUMBER  
11600.37DATE  
3-22-84SYSTEM(S) OR  
PART(S) NAME

LOCATION(S)

REFERENCE  
DOCUMENT(S)

COMPONENT NAME:

Cyl #8

DC-101

I.P. NO. 14 REV. 4 CHG C

TER # NA

LILCO LP PROC. 6.1.22 REV. 2

DWG. NO. NA

COMPONENT NO. 03-341A

DWG NO.  
OR P.O.

ITEM

QTY.

DESCRIPTION(S) AND INSPECTION REMARK(S)

1 1

PT performed per request of LILCO representative.

\* Witnessed By Nelson C. IRVING: LILCO III.  
 Nelson C. Irving LIII.  
 3-22-84

NOTE NO. 7-4-709

QUALITY CONTROL INSPEC/ENG.

DATE

PAGE



## LIQUID PENETRANT EXAMINATION REPORT

A. MATERIAL		TYPE	FABRICATED PROCESS		<input type="checkbox"/> WELDED	<input checked="" type="checkbox"/> CAST	<input type="checkbox"/> WROUGHT
		GEOMETRY	<input type="checkbox"/> PIPE	<input type="checkbox"/> PLATE	<input type="checkbox"/> ROD	<input checked="" type="checkbox"/> OTHER:	
CROSS SECTION THICKNESS	MAX 6" MIN 1/2"	PIPE DIA.	NA	SURFACE CONDITION	<input checked="" type="checkbox"/> MACHINED	<input type="checkbox"/> GROUND	<input type="checkbox"/> OTHER
B. EDZ PROCEDURE No. 61162		SURFACE/MAT'L TEMP. 73°F		MATE. NO. 7-1-78		MWR/RR. No.	
INSPECTION MATERIALS		BRAND	DESIGNATION	BATCH NO.			
1. PRE-CLEANER		Magnaflux	SKC-UF/ZC-7B	84AC22			
2. PENETRANT		Magnaflux	SKL-4F/SKL-S	81E180			
3. EMULSIFIER AND/OR REMOVER		Magnaflux	SKC-UF/ZC-7B	84AD22			
4. DEVELOPER		Magnaflux	SKD-UF/ZP-7B	83H041			
5. POST EXAMINATION CLEANER		Magnaflux	SKC-UF/ZC-7E	84AD28			
SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY							
C. EVALUATION		REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.					
LOCATION	SIZ* (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)				
1			No relevant indications exceeding acceptance criteria; no linear indications.				
2							
3							
4							
D. ACCEPTANCE CRITERIA		proc. 6.2 para 4.2		OPERATOR		Level II	
E. APPROVE		W. L. C. P.		Date		3-22-88	

COMPONENT I.D.

03-341A

SYSTEM

Diesel Generator 101

PLANT/LOCATION

Shoreham

III Lile 3-22-88

EDG 102



P-26-19

EDG 102

## INTEROFFICE CORRESPONDENCE

102

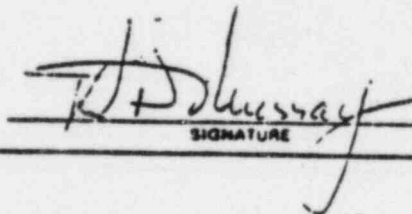
TO: DISTRIBUTION	LOCATION SNPS-1	SUBJECT / REFERENCE / J.O. NO. 11600.37 03-34/4
FROM: R. MURRAY	LOCATION QEG	TRANSMITTAL OF SAT I.R.'s

MESSAGE: —

ATTACHED PLEASE FIND 2 SATISFACTORY INSPECTION REPORTS  
GENERATED BY THE QUALITY REVALIDATION INSPECTION GROUP AND REVIEWED BY  
THE QUALITY ENGINEERING GROUP. THEY ARE FORWARDED TO YOU FOR YOUR  
INFORMATION IN ACCORDANCE WITH EDG QR/DR PROGRAM MEMO R. NAJUCH

2-23-84

DATE



SIGNATURE

TELEPHONE

REPLY:

DIST. R. NAJUCH (IOC ONLY)  
G. ROGERS FAAA W/ ATTACHMENTS  
J. KAMMEYER SEO W/ ATTACHMENTS  
E. YOUNGLING LSU W/ ATTACHMENTS

ATT #2 LF 5, 6, 7, 8

DATE

SIGNATURE

TELEPHONE

A 808137

QUALITY CONTROL  
INSPECTION REPORT

SYSTEM(S) OR PART(S) NAME	LOCATION(S)	FILE NUMBER 1160037 DATE 2-12-84 REFERENCE DOCUMENT(S)
PISTON 03-341A REV D	DG-102	IF NO. 14 PROC 62 REV D  PER REQUEST OF MEL SCHUSTER CYLC WAS TESTED.

WG NO OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	2	4	PERFORMED A LP TEST OF PISTON SKIRT AT BOSSES
	3	3	FOR BOLT ATTACHMENT OF CRANK ALSO LP TESTED THE
			PISTON PIN BOSS
			SAT NO INDICATION FOUND

QUALITY CONTROL INSPECTOR <i>Edward I. Dwyer</i>	DATE 2/17/84	PAGE 1 OF 1
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A. MATERIAL		TYPE		FABRICATED PROCESS		CONFORM I.D.	
CAR BON STEEL		GEOMETRY		<input type="checkbox"/> WELDED <input checked="" type="checkbox"/> CAST <input type="checkbox"/> WORKED		COMPONENT I.D. 2-34-A	
CROSS SECTION THICKNESS		PIPE DIA.		SURFACE CONDITION		SYSTEM PISTON SKIRT BOSSES	
MAX $\frac{N}{A}$		$\frac{N}{A}$		<input type="checkbox"/> MACHINED <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> AS FABRICATED <input type="checkbox"/> OTHER		PISTON SKIRT BOSSES	
MIN $\frac{N}{A}$							
B. NDE PROCEDURE No. LP 61+62 REV 1		SURFACE/MAT'L. TEMP. 72°F		MATE. NO. 7-11-467		MWR/RR. No. $\frac{N}{A}$	
INSPECTION MATERIALS		BRAND		DESIGNATION		BATCH NO.	
1. PRE-CLEANER		SPOTCHECK		SKL-HI/20-78		83H095	
2. PENETRANT		SPOTCHECK		SKL-HI/3405		81E180	
3. EMULSIFIER AND/OR REMOVER		SPOTCHECK		SKL-HI/20-78		83H095	
4. DEVELOPER		SPOTCHECK		SKL-HI/		81E092	
5. POST EXAMINATION CLEANER		SPOTCHECK		SKL-HI/20-78		83H095	
SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY PISTON 5, 7 & 8 PERFORMED LP TEST OF PISTON SKIRT AT BOSSES FOR BOLT ATTACHMENT AND ALSO TESTED THE PISTON PIN BOSS							
C. EVALUATION		REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.					
LOCATION	SIZE (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)				
1 NO INDICATIONS			ACCEPT				
2 $\frac{N}{A}$							
3 $\frac{N}{A}$							
4 $\frac{N}{A}$							
D. ACCEPTANCE CRITERIA				OPERATOR <u>W. J. [unclear]</u> Level <u>II</u> Date <u>2-1-78</u>			
E. ATTEST		<u>Robert J. [unclear]</u> RESPONSIBLE CERTIFIED PERSONNEL		<u>II</u> LEVEL		DATE	

# QUALITY CONTROL INSPECTION REPORT

JOHN A. HESTER ENGINEERING CORPORATION

JOB NUMBER

11600.37

DATE

2-12-84

SYSTEM(S) OR  
PART(S) NAME

LOCATION(S)

REFERENCE  
DOCUMENT(S)

#6 Piston Assembly  
03-341 A  
REV 0

DG-102

Per Request of M. Schmit

WG. NO  
OR P.O.

ITEM QTY.

DESCRIPTION(S) AND INSPECTION REMARK(S)

2

1

Performed L.P. inspection on #6 piston pin boss.  
No Indications found.

QUALITY CONTROL INSPECTION

DATE

2-12-84

PAGE

1 of 2

A. MATERIAL		TYPE	FABRICATED PROCESS		<input type="checkbox"/> WELDED <input checked="" type="checkbox"/> CAST <input type="checkbox"/> WORKED	
CROSS SECTION THICKNESS	MAX MIN	PIPE DIA.	GEOMETRY	<input type="checkbox"/> PIPE <input type="checkbox"/> PLATE <input type="checkbox"/> ROD <input checked="" type="checkbox"/> OTHER:	<input checked="" type="checkbox"/> MACHINED <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> AS FABRICATED <input type="checkbox"/> OTHER	
B. NDE PROCEDURE No. _____		SURFACE/MAT'L. TEMP. 72°F		MATE. NO. 7-11-699 MWR/RR. No. _____		
INSPECTION MATERIALS		BRAND	DESIGNATION	BATCH NO.		
1. PRE-CLEANER		Spotcheck	SKL-NF/26-713	83H095		
2. PENETRANT		Spotcheck	SKL-NF/SKL-5	81E180		
3. EMULSIFIER AND/OR REMOVER		Spotcheck	SKL-NF/26-713	83H095		
4. DEVELOPER		Spotcheck	SKD-AF	81G092		
5. POST EXAMINATION CLEANER		Spotcheck	SKL-NF/26-713	83H095		
SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY Performed L.P. inspection on #6 piston pin boss, per request of Mr. Schuster. No Indications found.						
C. EVALUATION		REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.				
LOCATION	SIZE (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)			
1 NA						
2 NA						
3 NA						
4 NA						
D. ACCEPTANCE CRITERIA		OPERATOR _____ Level _____ Date _____				
E. ATTEST		_____ INSPECTOR'S SIGNATURE				
		_____ WITNESS'S SIGNATURE		_____ DATE		

COMPOUND I.D.

SYSTEM

#6 Piston Assembly

PLANT/LOCATION

DG-112



EDG 103

P-26-25

EDG 103

103

# INTEROFFICE CORRESPONDENCE

TO: DISTRIBUTION	LOCATION SNPS-1	SUBJECT / REFERENCE / J.O. NO. 11600.37
FROM: R. MURRAY	LOCATION QEG	TRANSMITTAL OF SAT I.R.'s

03 341A  
AT #1

MESSAGE: —

ATTACHED PLEASE FIND 1 SATISFACTORY INSPECTION REPORTS (2pgs)  
 GENERATED BY THE QUALITY REVALIDATION INSPECTION GROUP AND REVIEWED BY  
 THE QUALITY ENGINEERING GROUP. THEY ARE FORWARDED TO YOU FOR YOUR  
 INFORMATION IN ACCORDANCE WITH EDG QR/DR PROGRAM MEMO R. NAJUCH

31/2/84

DATE

*R. D. Murray*

SIGNATURE

564

TELEPHONE

REPLY:

DIST. R. NAJUCH (IOC ONLY)  
 G. ROGERS DRG W/ ATTACHMENTS

DATE

A 048 170

SIGNATURE

TELEPHONE

QUALITY CONTROL  
INSPECTION REPORT

SYSTEM(S) OR PART(S) NAME		LOCATION(S)	JOB NUMBER 11600.37	DATE 3-12-84
COMPONENT NAME: <u>PISTONS</u>		DG- <u>103</u>	REFERENCE DOCUMENT(S)	
COMPONENT NO. <u>03-341A</u>			I.P. NO. <u>14</u> REV. <u>3</u> CHG <u>0</u>	
			TER # _____	
			LILCO LP PROC. <u>6</u> REV. <u>1</u>	
			DWG. NO. _____	

DWG. NO. OR P.O.	ITEM	QTY.	DESCRIPTION(S) AND INSPECTION REMARK(S)
	<u>2</u> <u>1</u>	<u>3</u>	<p>PERFORMED LP EXAM ON PISTON SKIRT AT T-605363</p> <p>FUR BOLT ATTACHMENT OF CROWN</p> <p>DG 103 PISTONS # 5, 7, 8</p> <p>SAT.</p>
NOTE NO. <u>741-709</u>			

Inspected by AKA



## LIQUID PENETRANT EXAMINATION REPORT

A. MATERIAL <i>CARBON</i>		TYPE	FABRICATED PROCESS	<input type="checkbox"/> WELDED <input type="checkbox"/> CAST <input type="checkbox"/> WORKED	PT
CROSS SECTION THICKNESS		GEOMETRY	<input type="checkbox"/> PIPE <input type="checkbox"/> PLATE <input type="checkbox"/> ROD	<input type="checkbox"/> OTHER:	COMPONENT I.D.
MAX <i>N/A</i>	MIN <i>N/A</i>	PIPE DIA. <i>N/A</i>	SURFACE CONDITION	<input checked="" type="checkbox"/> MACHINED <input type="checkbox"/> GROUND <input type="checkbox"/> AS FABRICATED <input type="checkbox"/> OTHER	
B. LDE PROCEDURE No. <i>62 REV 1</i>		SURFACE/MAT'L. TEMP. <i>71°</i>		MATE. NO. <i>71170</i>	MWR/RR. No.
INSPECTION MATERIALS		BRAND	DESIGNATION	BATCH NO.	
1. PRE-CLEANER		MAGNAFLUX	SK-1/EC-10	83H100	
2. PENETRANT		SPETCHER	SK-1/EC-10	81E100	
3. EMULSIFIER AND/OR REMOVER		MAGNAFLUX	SK-1/EC-10	83H100	
4. DEVELOPER		MAGNAFLUX	SK-1/EC-10	83H100	
5. POST EXAMINATION CLEANER		MAGNAFLUX	SK-1/EC-10	83H100	
SKETCH OR OTHER DETAIL: USE OTHER SIDE IF NECESSARY <i>EPD 3-12-84</i> <i>DE103 CYLINDER HEAD PISTONS # 5, 7, 8</i> <i>PERFORMED L.P. OF PISTON SKIRT AT THE LOSSES FOR FOOT AT THE FRONT OF CROWN</i>					
C. EVALUATION		REPORT BELOW THOSE INDICATIONS OBSERVED AND THE PERTINENT INFORMATION REQUIRED. WHERE ADDITIONAL SPACE IS REQUIRED USE OTHER SIDE.			
LOCATION	SIZE (INCHES)	DESCRIPTION	ACTION (ACCEPT/REJECT, AND COMMENT AS NECESSARY)		
1. <i>NO INDICATIONS</i>	<i>N/A</i>	<i>N/A</i>	<i>ACCEPT</i>		
2					
3					
4					
D. ACCEPTANCE CRITERIA		OPERATOR		Date	
		Level			
E. ATTEST		RESPONSIBLE CERTIFIED PERSONNEL		LEVEL DATE	

PT

COMPONENT I.D.

SYSTEM

PLANT/LOCATION