



**Pacific Gas and
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September 20, 2017

PG&E Letter DCL-17-081

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

10 CFR 50.4

Docket No. 50-275, OL-DPR-80
Diablo Canyon Unit 1
Owner's Activity Report for Unit 1 Twentieth Refueling Outage

In accordance with American Society of Mechanical Engineers (ASME) Code Case N-532-5, enclosed is the Owner's Activity Report for inservice inspection (ISI) activities performed at Diablo Canyon Power Plant through the completion of the Unit 1 Twentieth Refueling Outage.

Code Case N-532-5 is used as an alternative to the requirements of ASME Section XI, Article IWA-6000, as listed in Regulatory Guide 1.147, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1," Revision 17, and approved in accordance with 10 CFR 50.55a(b)(5).

There are no new or revised regulatory commitments (as defined by NEI 99-04) in this submittal.

If you have any questions regarding the information enclosed, or other ISI program activities, please contact Mr. Ken Bych, Manager, Technical Support Engineering, at (805) 545-4241.

Sincerely,

Paula Gerfen

jmsp/4927/64144100-0100

Enclosure

cc/enc: Scott A. Morris, NRC Region IV Administrator (Acting)
Balwant K. Singal, NRR Project Manager
Christopher W. Newport, NRC Senior Resident Inspector
State of California, Pressure Vessel Unit

Enclosure
PG&E Letter DCL-17-081

Pacific Gas and Electric Company

Diablo Canyon Power Plant

Owner's Activity Report for Unit 1 Twentieth Refueling Outage

DIABLO CANYON POWER PLANT

UNIT 1

REFUELING OUTAGE: 1R20

Operating License No. DPR-80

USNRC Docket No. 50-275

OWNER'S ACTIVITY REPORT

Rev. 0

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Table 2: Abstract of Repair/Replacement Activities Required for Continued Service.

NIS-2A: Repair/Replacement Certification Record
Attachment: List of Repair/Replacement Plans

Prepared By: _____


Thomas L. Alcott, ISI Specialist

Date _____

9/7/17


Reviewed By: _____


James E. Hill, ISI Specialist

Date _____

9/11/17

Approved By: _____


Ken Bych, Manager Technical Support Engineering

Date _____

9-11-17

Document Date: 09/07/2017

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INTRODUCTION

Inservice inspection (ISI) of scheduled ASME Section XI components and their supports at Pacific Gas and Electric Company's Diablo Canyon Power Plant (DCPP) Unit 1 was completed during the twentieth refueling outage (1R20) from 04/23/2017 through 06/23/17. 1R20 was the first outage in the first period within the fourth 10-year ISI interval.

This Owner's Activity Report, OAR-1, complies with the provisions of Code Case N-532-5 as approved by Regulatory Guide 1.147, Revision 17.

The OAR-1 Report covers applicable 1R20 work completed prior to and including July 23, 2017 and any mid cycle and 1R19 work completed after December 01, 2015.

FORM OAR-1 OWNERS ACTIVITY REPORT -- DCP-1R20

Report Number DCPP-1R20

Plant Diablo Canyon Nuclear Power Plant, P.O. Box 56, Avila Beach, California 93424

Unit No. 1 Commercial service date May 07, 1985 Refueling outage no. 1R20

Current inspection interval IWB / IWC / IWD / IWF - 4th IWE / IWL - 2nd
(1st, 2nd, 3rd, 4th, other)

Current inspection period IWB / IWC / IWD / IWF - 1st IWE / IWL - 3rd
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2007 thru 2008 (IWE / IWL, 01 thru 03)

Date and revision of inspection plans IWB / IWC / IWD / IWF -- 4/17/17 Rev. 0 IWE / IWL -- 11/4/10 Rev. 0

Edition and addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same

Code Cases used for inspection and evaluation: N-532-5, N-722-1, N-770-1, N-798, N-460, N-706-1
(if applicable)

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 1R20 (refueling outage no) conform to the requirements of Section XI.

Signed [Signature] / Manager, Technical Support Engineering Date 9-11-17
Owner or Owner's designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commission NB-15083, CA 2184 AI / IS / I-N-R
Inspector's Signature National Board, State, Province, and Endorsements

Date 9/12/17

**TABLE 1
ITEMS WITH FLAWS OR REVELANT CONDITIONS THAT REQUIRED
EVALUATION FOR CONTINUED SERVICE**

Examination Category and Item Number	Item Description	Evaluation Description
<p align="center">CAT R-A ITEM R1.11</p>	<p align="center">Line-1-109-14SPL Class-1 Weld, WIB-228. Rejectable UT indication. SAPN 50915871</p>	<p>Accepted for continued use with:</p> <ol style="list-style-type: none"> 1) Expanded scope exam of one additional weld in 1R20. (NRI) (50915871 task-8) 2) Engineering evaluation for continued service. (50915871 Task-22). PG&E Letter DCL-17-070 Submitted 8/17/17. 3) Weld overlay repair during next refueling outage (1R21 contingency). (50915871 Task-25).

**TABLE 2
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE**

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
E-A Item E1.11	Equipment hatch bolt location #41	Replace Equipment hatch eye-bolt and nut. Rejectable VT indication. SAPN 50921421	6/5/17	60101082-0010

FORM NIS-2A REPAIR/REPLACEMENT CERTIFICATION RECORD

OWNER'S CERTIFICATE OF CONFORMANCE

I certify that the Post 1R19 thru 1R20 (12/02/15 thru 7/23/17) activities represented by Repair/Replacement Plan number (see attachment) conform to the requirements of Section XI necessary to place the item in service.

Edition and Addenda of Section XI used: 2001 Ed through 2003 Add and 2007 Ed through 2008 Add

Code Cases used for repair/replacement activities: N-532-5 and as listed on attachment (If applicable, including cases modified by Case N-532 and later revisions)

Signed [Signature] Date 9-11-17
Owner or Owner's designee

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company have inspected the items described in Repair/Replacement Plan number (see attachment), and state that, to the best of my knowledge and belief, the Owner has performed all activities described in the Repair/Replacement Plan in accordance with the requirements of Section XI necessary to place the item in service.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the activities described in the Repair/Replacement Plan. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB-15083, CA 2184 AI / IS / I-N-R
Inspector's Signature National Board, State, Province, and Endorsements

Date 9/12/17

Sys	Class	Order	Operation	Item Description	Description of Work	Code Case	Comments	Revision	Actual finish (date)
3	2	60100204	0010	DC-1-03-P-PSL-1-35R	PSL-1-35R: Corrosion Repair		Patched Web by welding	1R20	5/26/2017
3	3	64025645	0100	DC-1-03-P-V-FW-1-348	FW-1-348: Insp Valve - Replace Bolting		Replaced bolting	1R20	5/31/2017
4	2	60067201	0020	DC-1-04-P-V-MS-1-FCV-160	MS-1-FCV-160: Rebuild Valve		Replace Plug/Stem Assy	1R20	5/31/2017
4	2	60084573	0010	DC-1-04-P-V-MS-1-FCV-763	MS-1-FCV-763: Replace Bonnet		Replace Bonnet	1R20	7/6/2017
4	2	60084573	0150	DC-1-04-P-V-MS-1-FCV-763	MS-1-FCV-763 Seal weld leak-off plug		Seal weld plug to bonnet	1R20	6/20/2017
4	2	64009314	0100	DC-1-04-P-PSL-12-5SL	#12-5SL: Drop/Swap w/New Snubber (GRIN)		Replace with new snubber	1R20	6/13/2017
4	2	64009315	0100	DC-1-04-P-PSL-12-6SL	#12-6SL: Drop/Swap w/New Snubber (GRIN)		Replace with new snubber	1R20	6/13/2017
4	1	64069080	0100	DC-1-04-M-HX-SG1	SG 1-1 Mechanical Tube Repairs		Install tube plugs (1R19 carry-over)	1R19	10/20/2015
4	1	64069081	0100	DC-1-04-M-HX-SG2	SG 1-2 Mechanical Tube Repairs		Install tube plugs (1R19 carry-over)	1C19	10/20/2015
4	1	64069082	0100	DC-1-04-M-HX-SG3	SG 1-3 Mechanical Tube Repairs		Install tube plugs (1R19 carry-over)	1C19	10/20/2015
4	2	64093005	0305	DC-1-04-M-HX-SG3	SG 1-3 HH-04: Repl Washer/Sect XI Track		Replace hand hole washer (1R19 carry-over)	1R19	10/22/2015
4	2	64123466	0125	DC-1-04-P-V-MS-1-5167	MS-1-5167: Replace Galled Stud/Nuts		Replace 1 stud and 2 nuts	1R20	6/22/2017
4	2	68044763	0100	DC-1-04-P-PSL-12-66SL	#12-66SL: Replace Snubber w/New(ANV) MMD		Replace with new snubber	1R20	6/28/2017
4	2	68044767	0100	DC-1-04-P-PSL-1033-3SL	#1033-3SL: Drop/Swap w/New (PSA)	N-71-15, N-249-11	Replace with new snubber	1R20	6/21/2017
4	2	68045821	0060	DC-1-04-P-V-MS-1-FCV-95	MS-1-FCV-95 - Install New Valve Body		Replace valve and piping by welding	1R20	6/14/2017
7	1	60067024	0030	DC-1-07-P-V-RCS-1-8078A	SOV 3: Repl Sect XI Parts/Reassy		Replace internals (valves 1 & 2)	D1	7/6/2017
7	1	60100509	0010	DC-1-07-P-P-LINE-109	LN 109: Install temp monitoring eq (TMI)		Install TC's and strain gages by spot welding	1R20	6/13/2017
7	1	60101409	0010	DC-1-07-P-V-RCS-1-8000B	RCS-1-8000B: Weld Yoke to Bonnet		Weld Yoke to Bonnet	1R20	6/20/2017
7	1	60101410	0010	DC-1-07-P-V-RCS-1-8000A	RCS-1-8000A: Weld Yoke to Bonnet		Weld Yoke to Bonnet	1R20	6/20/2017
7	3	68044588	0170	DC-1-07-E-MTR-RCP4	RCP1-4: UBOC Disassembly-Reassembly		Replace upper and lower channel head bolting	1R20	5/16/2017
7	3	68044591	0010	DC-1-07-E-MTR-RCP4	RCP1-4 Install UBOC Support to Stator		Weld UBOC support plate to stator housing	1C20	6/1/2017
7	1	68047002	0010	DC-1-07-M-VS-RV1	RX Baf Bits- Rem & Repl - RT Hnd Pan 01R		Replaced baffle bolting (61)	1R20	6/13/2017
8	2	60078636	0010	DC-1-08-P-V-CVCS-1-8471	CVCS-1-8471: Rebuild Valve/Plce Bolting		Replaced bonnet and bolting	1R20	5/31/2017
8	2	60083681	0210	DC-1-08-P-PSL-22-271SL	#22-271SL: Replace Lost Snubber Load Pin	N-1644-4	Replace load pin (1R19 carry-over)	1R19	10/28/2015
8	2	60084852	0010	DC-1-08-P-V-CVCS-1-8152	CVCS-1-8152: Replace Bonnet Gskt & Studs		Replaced bonnet bolting	1R20	5/25/2017
8	2	60093254	0100	DC-1-08-P-PSL-12-158SL	#12-158SL: Drop/Swap w/Refurb (PSA) MMD	N-71-15, N-249-11	Replaced snubber (PRE NF to NF)	1R20	6/21/2017
8	2	60099795	0010	DC-1-08-P-V-CVCS-1-8487B	CVCS-1-8487B: Replace check valve		Replaced valve by welding	1R20	6/13/2017
8	2	60100441	0010	DC-1-08-P-PSL-12-152R	12-152R: Replace Strut and Clamp		Replaced strut and pipe clamp	1R20	5/24/2017
8	2	64063419	0150	DC-1-08-P-V-CVCS-1-8478A	CVCS-1-8478A: Replace Cover Bolting		Replaced bonnet bolting	1R20	5/31/2017
8	2	68044764	0100	DC-1-08-P-PSL-15-40SL	#15-40SL: Replace Snubber w/New (ANV) MMD		Replace with new snubber	1R20	6/28/2017
9	1	60046627	0010	DC-1-09-P-V-SI-1-99	SI-1-99 & SI-1-98: Replace Valves		Replace SI-1-98 by welding (1R19 carry-over)	1R19	10/18/2015
9	2	60074486	0050	DC-1-09-M-PP-SIP2	SIP Suction: Remake the First Off Flange		Replaced 2nd-off flange bolting	1R20	6/28/2017
9	2	60093252	0100	DC-1-09-P-PSL-12-135SL	#12-135SL: Drop/Swap w/New (PSA)	N-71-15, N-249-11	Replaced 1st-off flange bolting	1R20	6/28/2017
9	1	60093262	0100	DC-1-09-P-PSL-13-7SL	#13-7SL: Drop/Swap w/New (PSA) MMD	N-71-15, N-249-11	Replace with new snubber	1R20	6/21/2017
9	1	60093263	0100	DC-1-09-P-PSL-13-9SL	#13-9SL: Drop/Swap w/Refurb (PSA) MMD	N-71-15, N-249-11	Replaced snubber (PRE NF to NF)	1R20	6/21/2017
9	2	60093273	0100	DC-1-09-P-PSL-15-94SL	#15-94SL: Drop/Swap w/New (AD)	N-71-15, N-249-11	Replace with new snubber	1R20	6/21/2017
9	2	60093275	0100	DC-1-09-P-PSL-15-103SL	#15-103SL: Drop/Swap w/New (AD)	N-71-15, N-249-11	Replace with new snubber	1R20	6/21/2017
9	2	60093304	0100	DC-1-09-P-PSL-22-575SL	#22-575SL: Drop/Swap w/New (AD)	N-71-15, N-249-11	Replace with new snubber	1R20	6/29/2017
9	2	60100625	0055	DC-1-09-P-V-SI-1-8804A	SI-8804A: Part Replacement / Stem Assem		Replace Stem/Disc assembly	1R20	7/25/2017
9	2	60100791	0055	DC-1-09-P-V-SI-1-8982B	SI-8982B: Part Replacement /Stem Assem		Replace Stem/Disc assembly	1R20	5/28/2017
10	2	60026549	0005	DC-1-10-P-V-RHR-1-8741	RHR-1-8741: Replace Bonnet Bolting		Replaced bonnet bolting with 630 mat'l	D1	5/24/2017
10	2	60100456	0010	DC-1-10-P-PSL-4-22SL	4-22SL: Add Shim to Correct Excess Gap		Weld to pressure boundary material	1R20	5/14/2017
13	3	60049469	0120	DC-1-13-M-PP-SFPP1	SFPP1-1: Gland Plate Replacement		Replace Out Board Gland Plate	D1EO	4/26/2017
13	3	60049469	0130	DC-1-13-M-PP-SFPP1	SFPP1-1: Gland Plate Replacement		Replace In Board Gland Plate	D1EO	4/26/2017
13	3	60088001	0010	DC-1-13-P-P-LINE-1070	Line-1070: Gasket / Bolting Replacement		Replaced blind flange bolting with 630 mat'l	D1EO	5/8/2017
14	2	60030490	0040	DC-1-14-P-PSL-42-12R	42-12R - Replace Corroded Beam		Replaced corroded beam	1R20	6/1/2017
14	3	60071506	0010	DC-1-14-M-PP-CCWP1	CCWP 1-1: Replace IB Mech Seal		Replace Gland Plate	1R20	7/6/2017
14	3	60071506	0020	DC-1-14-M-PP-CCWP1	CCWP 1-1: Replace O/B Mech Seal		Replace Gland Plate	1R20	7/6/2017
14	3	60093198	0200	DC-1-14-P-PSL-4-12SL	#4-12SL: Replace Snubber Load Pin	N-71-15, N-249-11	Replaced load pin	1R20	6/21/2017
14	1	60093226	0100	DC-1-14-P-PSL	Rebuild Spare Hyd Snubber (Spare #308)		Replaced Grinnell 6X10 Tube & Piston	1R20	6/28/2017
14	3	64009334	0100	DC-1-14-P-PSL-14-4SL	#14-4SL: Drop/Swap w/New Snubber (GRIN)		Replace with new snubber	1R20	6/13/2017
14	3	64097499	0200	DC-1-14-P-VR-CCW-1-RV-45	M77 CCW-1-RV-45: Replace RV		Replaced bolting	1R20	6/22/2017

Sys	Class	Order	Operation	Item Description	Description of Work	Code Case	Comments	Revision	Actual finish (date)
14	3	64132540	0800	DC-1-14-M-HX-CCWHE2	CCWHE2: Replace Outlet Cover Bolting		Replaced outlet cover bolting	1R20	6/22/2017
14	3	64132540	0850	DC-1-14-M-HX-CCWHE2	CCWHE2: Replace Add'l Outlet Cover Bolting		Replaced outlet cover bolting	1R20	6/22/2017
14	3	64132540	0900	DC-1-14-M-HX-CCWHE2	CCWHE2: Replace Inlet Manway Cover		Replaced Inlet manway cover	1R20	6/22/2017
14	2	68044521	0200	DC-1-14-P-P-LINE-314	CFCU 1-5 Sec. XI INSTALL PIPING COIL # 1		Replaced supply and return piping by welding	1R20	6/27/2017
14	2	68044522	0200	DC-1-14-P-P-LINE-319	CFCU 1-5 Sec. XI INSTALL PIPING COIL # 2		Replaced supply and return piping by welding	1R20	6/27/2017
14	2	68044522	0300	DC-1-14-P-P-LINE-319	CFCU 1-5 Weld repair FW-24 & FW-28		Weld repairs due to RT rejects	1R20	6/27/2017
14	2	68044523	0200	DC-1-14-P-P-LINE-314	CFCU 1-5 Sec. XI INSTALL PIPING COIL # 3		Replaced supply and return piping by welding	1R20	6/27/2017
14	2	68044523	0300	DC-1-14-P-P-LINE-314	CFCU 1-5 Weld repair FW-31 & FW-42		Weld repairs due to RT rejects	1R20	6/27/2017
14	2	68044524	0200	DC-1-14-P-P-LINE-314	CFCU 1-5 Sec. XI INSTALL PIPING COIL # 4		Replaced supply and return piping by welding	1R20	6/27/2017
14	2	68044524	0300	DC-1-14-P-P-LINE-314	Weld repair FW-56		Weld repair due to RT rejects	1R20	6/27/2017
14	2	68044525	0200	DC-1-14-P-P-LINE-314	CFCU 1-5 Sec. XI INSTALL PIPING COIL # 5		Replaced supply and return piping by welding	1R20	6/27/2017
14	2	68044525	0300	DC-1-14-P-P-LINE-314	CFCU 1-5 Weld repair FW-59, 61, 63 & 66		Weld repairs due to RT rejects	1R20	6/27/2017
14	2	68044525	0400	DC-1-14-P-P-LINE-314	CFCU 1-5 Weld repair FW-63R1		Weld repair due to RT rejects	1R20	6/27/2017
14	2	68044525	0500	DC-1-14-P-P-LINE-314	CFCU 1-5 Weld repair FW-63R2		Weld repair due to RT rejects	1R20	6/27/2017
14	2	68044526	0200	DC-1-14-P-P-LINE-314	CFCU 1-5 Sec. XI INSTALL PIPING COIL # 6		Replaced supply and return piping by welding	1R20	6/27/2017
16	3	64024810	0300	DC-1-16-P-V-MU-1-965	MU-1-965: Replace Flange Bolting		Replaced flange bolting	1R20	5/31/2017
17	3	60035537	0010	DC-0-17-P-V-SW-0-FCV-601	FCV-601 Replace Valve		Replaced valve and bolting	D1EO	11/22/2016
17	3	60066207	0035	DC-1-17	HGR# 286-70R Replace HKB (Alternate)		Replace corroded anchor bolt / modify base plate	1R20	5/3/2017
17	3	60066207	0045	DC-1-17	Replace Line-5198 Adapter Bolting		replace adapter bolting	1R20	5/5/2017
17	3	60066207	0070	DC-1-17	DC-1-17-P-PSL-286-70R: Weld Build Up		Base metal build-up	1R20	5/5/2017
17	3	60066207	0075	DC-1-17	DC-1-17-P-PSL-286-71R: Weld Build Up		Base metal build-up	1R20	5/5/2017
17	3	60079216	0020	DC-1-17-P-V-SW-1-302	SW-1-302: Remove Vlv / Replace Fasteners		Replace 4" flange bolting on US side of valve	D1EO	7/13/2016
17	3	60100128	0010	DC-1-17-P-V-SW-1-65	SW-1-65: Replace Bolting Sect XI Trackin		Replaced bolting	1R20	6/20/2017
17	3	60100129	0010	DC-1-17-P-VOA-SW-1-FCV-602	FCV-602: Replace Bolting Sect XI Trackin		Replaced bolting	1R20	6/20/2017
17	3	64093539	0030	DC-1-17-E-MTR-ASP2	ASP1-2: Replace Pump / Align / Couple		Replace Pump	1R20	5/16/2017
17	3	68046221	0040	DC-1-17	ASW CP Stud Welding (FC 3*2695)		Weld to pressure boundary material	1R20	4/27/2017
18	2	60101369	0010	DC-1-18-P-V-FP-1-FCV-633	FP-1-FCV-633: Rebuild Valve		Replaced internals & Bonnet bolting	1R20	6/20/2017
18	2	60101369	0060	DC-1-18-P-V-FP-1-FCV-633	FP-1-FCV-633: Replace Valve Body (cont)		Replaced valve body	1R20	6/12/2017
21	3	60080875	0015	DC-1-21-M-HX-JWR1B	JWR1B: Repair Stripped Hole		Drill/tap radiator frame. Replace bolt	D1EO	2/14/2017
21	3	60081421	0010	DC-1-21-M-HX-LOHE3	LOHE3: Replace Reversing Chamber Cover		Replace Reversing Chamber Cover	1R20	6/20/2017
21	3	60101302	0010	DC-1-21-M-EN-DEG3	DG13: Remove Broken Fastener Cylinder 4R		Replace Broken Fastener Cylinder 4R	1R20	6/20/2017
21	3	60101516	0030	DC-1-21-M-HX-JWR3B	JWR3B: Install New Radiator Assy (DG1-3)		Install new radiator assembly	1R20	7/6/2017
23	2	60099916	0040	DC-1-23-P-V-VAC-1-FCV-662	Sect XI Material Tracking:Stem,Disc,Pin		Replace internals	1R20	
23	2	68045042	0100	DC-1-23-M-HX-CC5	Install New CFCU Coils		Install new CFCU 1-5 coils	1R20	7/10/2017
25	2	64008863	0100	DC-1-25-P-VOA-AIR-I-1-FCV-584	AIR-I-1-FCV-584: Rbl'd Vlv, Replc Actuatr		Replaced internals	1R20	5/31/2017
45	2	60101082	0010	DC-1-45-P-MP-MP67	MP67: Replace Equip Hatch Bolt/nut		Replace Equip Hatch Bolt/nut	1R20	7/31/2017
85	Stock	60033042	0010	DC-0-85	D967002: VLV 3/4" Globe 800# VLV REASSY		Replace B/B bolting on 4, 3/4" Globe valves & RTS	D1	10/4/2016
85	Stock	60076071	0151	DC-0-85	Replace Spare Snubber Cover Bolt (A/D)		Replace snubber cover bolt on stock mat'l	1R19	
85	3	60100376	0010	DC-0-85	D964648: Base metal weld repairs		Base metal repairs on 2 channel head covers	1R20	5/26/2017