

Southern California Edison Company

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September 22, 1988

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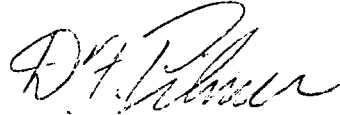
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-206, 50-361 and 50-362
NRC Bulletin 88-05, Supplement 2 Report
San Onofre Nuclear Generating Station, Units 1, 2 and 3

Provided as an enclosure to this letter is the 120-day report for San Onofre Units 1, 2 and 3 required by NRC Bulletin 88-05 Supplement 2. If you have any questions regarding this report, please so advise.

Very truly yours,



Enclosure

cc: J. B. Martin, Regional Administrator, NRC Region V
F. R. Huey, NRC Senior Resident Inspector, San Onofre Units 1, 2 and 3

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TELL
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Subscribed on this 22nd day of September, 1988.

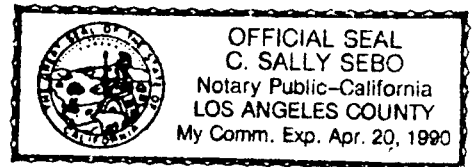
Respectfully submitted,

SOUTHERN CALIFORNIA EDISON COMPANY

By: *D. F. Pilmer*
D. F. Pilmer
Manager, Nuclear Engineering

Subscribed and sworn to before me this
22nd day of September, 1988.

C. Sally Sebo
Notary Public in and for the County of
Los Angeles, State of California



Charles R. Kocher
James A. Beoletto
Attorneys for Southern
California Edison Company

By: *James A. Beoletto*

NRC Bulletin 88-05 120-Day Report

San Onofre Units 1, 2 and 3

Docket Nos. 50-206, 50-361 and 50-362

August 1988

Southern California Edison Company

Rosemead, California

NRC Bulletin 88-05 120 Day Report

The purpose of this report is to provide the results of the records review, testing and analysis performed in response to NRC Bulletin 88-05 and Supplements 1 and 2 for San Onofre Units 1, 2 and 3. This report documents status as of the date of issue of NRC Bulletin 88-05, Supplement 2 (8/3/88).

On May 6, 1988, the NRC issued Bulletin 88-05 regarding nonconforming materials supplied by Piping Supplies Incorporated (PSI) and West Jersey Manufacturing Company (WJM). This bulletin required licensees to take actions to assure that materials comply with ASME Code and design specification requirements, are suitable for their intended service or replace the material. In addition, a written report was required within 120 days of receipt of the bulletin to detail the actions taken by the licensee.

The Nuclear Management and Resources Council (NUMARC) established an industry program to coordinate an industry response to NRC Bulletin 88-05. Under this program NUMARC is compiling the results of records searches and field testing of suspect flanges by individual utilities, and conducting laboratory testing on a sample of these components to determine their acceptability in support of a coordinated industry response to the NRC.

Southern California Edison (SCE) contracted Bechtel Construction, Inc. to conduct the records search and on July 1, 1988, the initial list of approximately 1,000 suspect items was provided. By August 3, 1988, a total of 1,051 suspect items (flanges) were identified to be installed in San Onofre Units 1, 2 and 3. Out of this total, 219 of these flanges were determined to be inaccessible. Of the remaining flanges, all 103 stainless-steel flanges were tested satisfactorily using a magnetic test. Accessible carbon steel flanges were tested using EQUOTIP hardness testing. All were specified as ASME SA-105 material. The results were that 269 of the 716 flanges tested were outside the nominal 137-187 BHN hardness range. A total of 13 flanges were not included in the testing as a result of the issuance of Supplement 2 (8/3/88) when all testing was stopped. For each item outside the nominal range, an appropriate non-conformance report (NCR) was written which included analysis justifying continued operation (JCO). It should be noted that this approach is very conservative in light of the EQUOTIP/hardness/strength correlations described in the NUMARC Generic Testing Program Interim Report dated July 29, 1988.

The status of San Onofre efforts regarding NRC Bulletin 88-05 is provided in Table 1 which is a complete listing of the data provided to NUMARC by SCE. Included are all suspect items - installed in the operating units and located in the warehouse - identified through August 3, 1988. SCE is continuing to analyze the results of tests performed through August 3rd. Final resolution of issues raised by NRC Bulletin 88-05 will depend on results of this analysis and the NUMARC generic program.

Table 1

NRC Bulletin 88-05 Results

The column heading codes are identified as follows:

<u>Code</u>	<u>Description</u>
Item	- Specific item number 1-12
Plant	- Location of specific item, for example:
SOACCW	- San Onofre Common Component Cooling Water System
SOACHW	- San Onofre Common Chilled Water System
SO-WHS	- San Onofre Warehouse
SO-PWH	- San Onofre Project Warehouse
SO1AFW	- San Onofre Unit 1 Auxiliary Feedwater System
SO1CCW	- San Onofre Unit 1 Component Cooling Water System
SO1CRS	- San Onofre Unit 1 Containment Recirculation System
SO2RCS	- San Onofre Unit 2 Reactor Coolant System
SO2CCW	- San Onofre Unit 2 Component Cooling Water System
SO2SIS	- San Onofre Unit 2 Safety Injection System
SO2CSS	- San Onofre Unit 2 Containment Spray System
SO2VCC	- San Onofre Unit 2 Volume and Chemical Control System
SO2FSS	- San Onofre Unit 2 Fuel Storage System
SO2STM	- San Onofre Unit 2 Main Steam System
SO2FWS	- San Onofre Unit 2 Auxiliary Feedwater System
SO2SCS	- San Onofre Unit 2 Saltwater Cooling System
SO2ACS	- San Onofre Unit 2 Containment Penetrations
SO2NGS	- San Onofre Unit 2 Nitrogen Gas System
SO2DAS	- San Onofre Unit 2 Emergency Diesel Generator
SO2FOS	- San Onofre Unit 2 Fuel Oil Storage
SO3RCS	- San Onofre Unit 3 Reactor Coolant System
SO3CCW	- San Onofre Unit 3 Component Cooling Water System
SO3SIS	- San Onofre Unit 3 Safety Injection System
SO3CSS	- San Onofre Unit 3 Containment Spray System
SO3VCS	- San Onofre Unit 3 Volume and Chemical Control System
SO3FSS	- San Onofre Unit 3 Fuel Storage System

Table I - Continued

<u>Code</u>	<u>Description</u>
S03STM	- San Onofre Unit 3 Main Steam System
S03FWS	- San Onofre Unit 3 Auxiliary Feedwater System
S03SCS	- San Onofre Unit 3 Saltwater Cooling System
S03ACS	- San Onofre Unit 3 Containment Penetrations
S03CHW	- San Onofre Unit 3 Chilled Water System
S03DAS	- San Onofre Unit 3 Emergency Diesel Generator
S03FOS	- San Onofre Unit 3 Fuel Oil Storage
Trans	- Transaction- A-Add, C-Change, D-Delete
Diameter	- Diameter of item
Commodity	- Type of item - Flange, Fitting, etc.
Rating	- Pressure rating of item in psi.
Type	- Material description of item - Elbow, Blind, Cap, etc.
Spec.	- ASME material specification (Section II)
Grade	- Specific grade of material
Schedule	- Piping schedule for item
Vendor	- West Jersey or Piping Supplies, Inc.
Heat/Lot	- Heat number associated with item
Date	- Date installed
Quantity	- Number of items in stock
Source	- Original material manufacturer before sold to vendor
ASME	- ASME Code Class
Line	- Isometric drawing containing item
Test	- Specific field test number
M.O. Number	- Maintenance order number for prep and test
T-Hard	- Brinell hardness of item or P for Passing Magnetic Test
KSI Conv.	- Strength in KSI equivalent to Brinell hardness
NCR Number	- Non-conformance report number for items out of tolerance

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER
1217	SO-WHS		0.50	FLG	300.0	BL	105	N/A		W	CBL			17		2							0
1218	SO-WHS		0.50	FLG	300.0	BL	105	N/A		W	CBL			1		2							0
1219	SO-WHS		1.50	FLG	150.0	BL	105	N/A		W	GDKH			12		2							0
1220	SO-WHS		1.00	FLG	600.0	SW	105	N/A	160	W	CEW			5		2							0
1221	SO-WHS		0.50	FLG	0.0	SW	105	N/A	160	W	GDED			10		2							0
1222	SO-WHS		0.50	FLG	0.0	SW	105	N/A	160	W	GDED			2		2							0
1223	SO-WHS		1.00	FLG	300.0	SWRF	105	N/A		W	CBL			10		2							0
1224	SO-WHS		0.50	FLG	600.0	SWRF	105	N/A	160	W	CHV			2		2							0
1225	SO-WHS		0.50	FLG	600.0	SWRF	105	N/A	160	W	GDDF			1		2							0
1226	SO-WHS		0.50	FLG	600.0	SWRF	105	N/A	160	W	GDDF			5		2							0
1227	SO-WHS		0.75	FLG	600.0	SWRF	350	N/A	160	W	B3811			4		2							0
1228	SO-WHS		0.50	FLG	0.0	SWRF	350	N/A	160	W	B3811			4		2							0
1229	SO-WHS		0.75	FLG	0.0	SWRF	350	N/A	160	W	B3811			6		2							0
1230	SO-WHS		1.00	FLG	600.0	SWRF	350	N/A	160	W	B3811			4		2							0
1231	SO-WHS		1.50	FLG	600.0	SWRF	350	N/A	160	W	B3811			3		2							0
1232	SO-WHS		1.50	FLG	0.0	SWRF	350	N/A	160	W	B3811			4		2							0
1233	SO-WHS		1.00	FLG	0.0	SWRF	350	N/A	160	W	B3811			4		2							0
1243	SO-PWH A		25.00	FLG	0.0	BL				W	UNKNOWN			2									0
1244	SO-PWH A		18.00	FLG	150.0	BL	105	N/A		W	9478723			1									0
1245	SO-PWH A		2.00	FLG	600.0	RFWN	105	N/A	80	W	COP			8									0
1246	SO-PWH A		2.00	FLG	600.0	BL	105	N/A		W	COP			7									0
1247	SO-PWH A		2.50	FLG	150.0	RFWN	182	N/A	105	W	2730			1									0
1248	SO-PWH A		20.00	FLG	0.0	BL					35313			2									0
1249	SO-PWH A		20.00	FLG	0.0	BL					46019			2									0
1250	SO-PWH A		6.00	FLG	150.0	RFWN	182				54949			8									0
1268	SO1AFW A		1.00	FLG	600.0	RFWN	105	N/A	40	W	?			0			S1-AFW-RO-143, UP(S01-87-054)					0	140.5
1267	SO1AFW A		1.00	FLG	600.0	RFWN	105	N/A	40	W	?			0			S1-AFW-RO-143, LWR(S01-87-054)					0	147.5
1213	SO1CRS C		4.00	FLG	300.0	RFWN	105	N/A	40	W	J5G			0			S1-TRV SO1-044-86, G45A					0	140
1214	SO1CRS C		6.00	FLG	150.0	RFWN	105	N/A	40	W	CND			0			S1-TRV SO1-044-86, G45A					0	150
1215	SO1CRS C		4.00	FLG	300.0	RFWN	105	N/A	40	W	J5G			0			S1-TRV SO1-045-86, G45B					0	122*
1216	SO1CRS C		6.00	FLG	150.0	RFWN	105	N/A	40	W	CND			0			S1-TRV SO1-045-86, G45B					0	144
1212	SO1CCW C		1.00	FLG	150.0	RFWN	105	N/A	40	W	M920901			0			S1-TRV SO1-159-84 LINE 16214					0	169
797	SO2RCS		6.00	FLG	600.0	RFWN	182	F316	40	W	B2919		01/24/79	0		2	S21201ML017-2RC017038					0	
1115	SO2RCS		6.00	FLG	600.0	RFWN	182	F316	40	W	B2919		01/24/79	0		2	S21201ML017-2RC017038					0	

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER
1276	S02RCS A	6.00	FLG	600.0	RFBL	182	F316	N/A	W	B3296	N/A	0	2	S21201ML017-2RC161001			0
841	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML006-2CC006009			0
842	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML006-2CC006010			0
843	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML006-2CC006010			0
844	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML008-2CC008001			0
845	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML008-2CC008001			0
849	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	05/09/77	0	3	S21203ML008-2CC008010			0
846	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML008-2CC008011			0
847	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML008-2CC008011			0
850	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	05/09/77	0	3	S21203ML008-2CC008012			0
955	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	S21203ML012-2CC012003			0
956	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	S21203ML012-2CC012004			0
954	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	S21203ML014-2CC014001			0
848	S02CCW	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	S21203ML014-2CC014002			0
298	S02CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	Z190	11/01/76	0	3	S21203ML064-2CC064004			0
673	S02CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML064-2CC064008			0
1121	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D	03/10/80	0	3	S21203ML070-1TEM #32			0
964	S02CCW	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598	01/17/78	0	3	S21203ML072-2CC072001			0
763	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D	01/21/77	0	3	S21203ML072-2CC072002			0
1126	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D	12/14/74	0	3	S21203ML072-2CC072007			0
587	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696	10/21/76	0	3	S21203ML074-2CC074002			0
749	S02CCW	5.00	FLG	150.0	RFWN	105	N/A	40	W	M764701	09/08/78	0	3	S21203ML074-2CC074007			0
1161	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4228	09/08/78	0	3	S21203ML074-2CC074007			0
447	S02CCW C	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598	07/29/77	0	3	S21203ML078-2CC078001			0
936	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642	02/09/77	0	3	S21203ML078-2CC078002			0
3	S03CCW	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598	10/14/77	0	3	S21203ML078-1TEM 41			0
449	S02CCW	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598	01/21/77	0	3	S21203ML080-2CC080001			0
937	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642	02/09/77	0	3	S21203ML080-2CC080002			0
448	S02CCW	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598	10/14/77	0	3	S21203ML080-1TEM 44			0
934	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642	02/09/77	0	3	S21203ML082-2CC082001			0
935	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642	02/09/77	0	3	S21203ML082-2CC082001			0
1274	S02CCW A	4.00	FLG	150.0	RFWN	150	N/A	40	W	T097642	2/9/77	0	3	S21203ML082-2CC082002			0
450	S02CCW	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598	02/09/77	0	3	S21203ML084-2CC084001			0
764	S02CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D	01/21/77	0	3	S21203ML084-2CC084001			0

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER
765	SO2CCW	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D	01/21/77	0	3	S21203ML084-2CC084002			0
674	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	2	S21203ML090-2CC090004			0
746	SO2CCW	6.00	FLG	150.0	RFSO	105	N/A	40	W	LAG	12/14/76	0	3	S21203ML090-2CC090006			0
759	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	T2190	10/21/76	0	3	S21203ML090-2CC090006			0
675	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML092-2CC092007	-1	88071307	138
676	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML092-2CC092008	-3	88071307	174
1116	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	12/14/76	0	3	S21203ML092-2CC092008			0
34	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML092-2E370001	-4	88071307	176
427	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML092-2E370001	-5	88071307	167
87	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML092-ITEM 40	-2	88071307	237**
299	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	2190	11/01/76	0	3	S21203ML093-2CC093006	-1	88071308	219**
85	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML093-2E371001	-2	88071308	173
428	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML093-2E371001	-3	88071308	186
679	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML094-2CC094008	-3	88071310	173
28	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML094-2E370002	-1	88071310	205**
429	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML094-2E370002	-2	88071310	167
300	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	2190	11/01/76	0	3	S21203ML095-2CC095007	-1	88071311	173
86	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML095-2E371002	-2	88071311	225**
682	SO2CCW C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	3	S21203ML095-2E371002	-3	88071311	192**
1210	SO2CCW	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0	3	S21203ML102-2CC102001	-2	88071312	156
1211	SO2CCW	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0	3	S21203ML102-2CC102001	-3	88071312	159
520	SO2CCW C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0	3	S21203ML102-2CC102002	-3	88071312	137
580	SO2CCW	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0	3	S21203ML103-2CC103002	-1	88071313	131*
924	SO2CCW C	12.00	FLG	150.0	RFWN	105	N/A	40	W	M771115	09/30/77	0	3	S21203ML106-2CC106001	-1	88071314	133*
225	SO2CCW C	12.00	FLG	150.0	RFWN	105	N/A	40	W	M771115	09/30/77	0	3	S21203ML106-2CC106001	-2	88071314	124*
21	SO2CCW C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0	3	S21203ML106-2CC106002	-3	88071314	125*
550	SO2CCW C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0	3	S21203ML137-2CC137002	-1	88071315	143
463	SO2CCW C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0	3	S21203ML137-2CC137003	-3	88071315	137
464	SO2CCW C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0	3	S21203ML137-2CC137003	-2	88071315	123*
931	SO2CCW C	28.00	FLG	125.0	RFWN	105	N/A	40	W	W9666	03/23/78	0	3	S21203ML140-2CC140005	-1	88071317	150
462	SO2CCW C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0	3	S21203ML151-2CC151002	-1	88071318	139
461	SO2CCW C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0	3	S21203ML155-2CC155002	-1	88071320	136*
460	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0	3	S21203ML157-2CC157004	-1	88071321	134*
1252	SO2CCW A	4.00	FLG	150.0	RFWN	105	N/A	402	W	J61D	6/30/77	0	3	S21203ML158-2CC158001	-1	88071322	130*

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NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST M O NUMBER	T-HARD	KSI	CONV	MCR NUMBER
452	SO2CCW	C	4.00	FLG	150.0	RFBL	105	N/A	N/A	W	H904	09/08/78	0		3	S21203ML158-2CC158004	-2	88071322	147.5		
1164	SO2CCW		4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0		3	S21203ML159-2CC159001					
814	SO2CCW	C	4.00	FLG	150.0	RFBL	105	N/A	N/A	W	H904	09/08/78	0		3	S21203ML159-2CC159007	-1	88071364	137		
929	SO2CCW	C	28.00	FLG	125.0	FFWN	105	N/A	40	W	W9666	03/23/78	0		3	S21203ML164-2CC164004	-1	88071365	147.5		
930	SO2CCW	C	28.00	FLG	125.0	FFWN	105	N/A	40	W	W9666	03/23/78	0		3	S21203ML164-2CC164004	-2	88071365	150		
833	SO2CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T4298	10/21/76	0		3	S21203ML210-2CC210027	-1	88071366	122*		2-2460
834	SO2CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T4298	10/21/76	0		3	S21203ML210-2CC210028	-2	88071366	119*		2-2460
528	SO2CCW		10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0		3	S21203ML228-2CC228002					
529	SO2CCW		10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0		3	S21203ML228-2CC228002					
1205	SO2CCW		10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0		3	S21203ML228-2CC228003					
1177	SO2CCS		8.00	FLG	150.0	FFWN	105	N/A	40	W	T30266	05/09/77	0		3	S21203ML228-2CC243001					
1278	SO2CC2	A	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0		3	S21203ML231-2CC231002	-1	88071368	134*		2-2471
459	SO2CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0		3	S21203ML231-2CC231003	-3	88071368	132*		2-2471
1279	SO2CCW	A	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0		3	S21203ML231-2CC231003	-2	88071368	140		2-2471
1162	SO2CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T4298	10/21/76	0		3	S21203ML243-2CC243025	-1	88071369	134*		2-2469
835	SO2CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T4298	10/21/76	0		3	S21203ML243-2CC243026	-2	88071369	130*		2-2469
533	SO2CCW		10.00	FLG	150.0	FFWN	105	N/A	40	W	T4205	01/21/77	0		3	S21203ML247-2CC247009					
532	SO2CCW		10.00	FLG	150.0	FFWN	105	N/A	40	W	T4205	12/14/76	0		3	S21203ML252-2CC252009					
29	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004A					
30	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004A					
31	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004B					
32	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004B					
33	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004C					
34	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004C					
35	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004D					
36	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004D					
142	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004E					
143	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402004E					
106	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402N011					
107	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402N012					
108	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402N013					
109	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402N014					
110	SO2CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S21203ML273-2E402N015					
535	SO2CCW		10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0		2	S21203ML273-ITEM 28					

NCR SONGS REPORT (BY LOCATION)

ITEM PLANT	TRANS DIAMETER	COMMODITY RATING	TYPE	SPEC GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER
531	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML275-2CC275009				0
88	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003A				0
89	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003A				0
90	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003B				0
91	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003B				0
92	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003C				0
93	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003C				0
94	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003D				0
95	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003D				0
96	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003E				0
97	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402003E				0
111	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402L001				0
112	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402L002				0
113	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402L003				0
114	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402L004				0
115	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402L005				0
116	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402N016				0
117	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402N017				0
118	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402N018				0
119	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402N019				0
120	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML275-2E402N020				0
522	SO2CCW C	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML277-2CC277009				0
534	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML277-2CC277009				0
524	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML277-2CC277010				0
525	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML277-2CC277010				0
1117	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	08/24/77	0		2 S21203ML277-2E399M004A				0
1118	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	08/24/77	0		2 S21203ML277-2E399M004A				0
98	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004B				0
99	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004B				0
100	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004C				0
101	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004C				0
102	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004D				0
103	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004D				0
104	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004E				0

NCR SONGS REPORT (BY LOCATION)

ITEM PLANT	TRANS DIAMETER	COMMODITY RATING	TYPE	SPEC GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER
105	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399M004E				0
121	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399N011				0
122	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399N012				0
123	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399N013				0
124	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399N014				0
125	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML277-2E399N015				0
536	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML277-ITEM 32				0
523	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML279-2CC279008				0
126	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L001				0
127	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L002				0
128	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003				0
129	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003A				0
130	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003A				0
131	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003B				0
132	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003B				0
43	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003C				0
44	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003C				0
45	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003D				0
46	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003D				0
47	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003E				0
48	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L003E				0
49	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L004				0
50	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399L005				0
51	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399N016				0
52	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399N017				0
53	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399N018				0
54	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399N019				0
55	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML279-2E399N020				0
836	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T443192	05/09/77	0		2 S21203ML281-2CC281015				0
526	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML281-2CC281016				0
527	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T4205	12/14/76	0		2 S21203ML281-2CC281016				0
837	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T443192	05/09/77	0		2 S21203ML281-2CC281017				0
838	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A 40 W T443192	05/09/77	0		2 S21203ML281-2CC281017				0
56	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A 40 W J4E	06/17/77	0		2 S21203ML281-2E401004A				0

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER
57	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004A				0
58	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004B				0
59	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004B				0
60	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004C				0
61	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004C				0
62	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004D				0
63	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004D				0
64	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004E				0
65	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401004E				0
66	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401N006				0
67	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401N007				0
68	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401N008				0
69	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401N009				0
70	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML281-2E401N010				0
1	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003A				0
2	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003A				0
3	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003B				0
4	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003B				0
5	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003C				0
6	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003C				0
7	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003D				0
8	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003D				0
9	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003E				0
10	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401003E				0
11	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401L001				0
12	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401L002				0
13	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401L003				0
14	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401L004				0
15	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401L005				0
16	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401N016				0
17	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401N017				0
18	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401N018				0
19	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401N019				0
20	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML283-2E401N020				0

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME LINE	T-HARD	KS1	CONV	NCR NUMBER
839	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A	40	W	T443192		05/09/77	0		2	S21203ML285-2CC285006			0
828	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		12/14/76	0		2	S21203ML285-2CC285007			0
1155	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		2	S21203ML285-2CC285007			0
21	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004A			0
22	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004A			0
23	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004B			0
24	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004B			0
25	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004C			0
26	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004C			0
27	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004D			0
71	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004D			0
72	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004E			0
73	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E400004E			0
133	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E4000006			0
134	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E4000007			0
135	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E4000008			0
136	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E4000009			0
137	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML285-2E4000010			0
74	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003A			0
75	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003A			0
76	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003B			0
77	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003B			0
78	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003C			0
79	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003C			0
80	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003D			0
81	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003D			0
82	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003E			0
83	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400003E			0
138	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400L001			0
139	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400L002			0
140	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400L003			0
141	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400L004			0
37	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400L005			0
38	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S21203ML287-2E400N016			0

NCR SONGS REPORT (BY LOCATION)

ITEM PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER
39	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	2	S21203ML287-2E400N017				0
40	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	2	S21203ML287-2E400N018				0
41	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	2	S21203ML287-2E400N019				0
42	SO2CCW	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0	2	S21203ML287-2E400N020				0
537	SO2CCW	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0	2	S21203ML287-1ITEM 22				0
530	SO2CCW C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/14/76	0	3	S21203ML293-2CC293002	-1	88071370	128*	2-2447
557	SO2S1S C	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511	01/28/77	0	2	S21204ML001-2S1001003	-1			0 P
558	SO2S1S C	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511	01/28/77	0	2	S21204ML002-2S1002002	-2			0 P
1207	SO2S1S C	24.00	FLG	150.0	RFWN	182	F316	10	W	W08507	06/10/77	0	2	S21204ML002-2S1002003	-1			0 P
1263	SO2S1S A	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511	1/28/77	0	2	S21204ML002-2S1109002				0
582	SO2S1S C	14.00	FLG	150.0	RFWN	182	F316	10	W	B2616	10/14/77	0	2	S21204ML003-2S1003001	-1			0 P
1176	SO2S1S	24.00	FLG	150.0	RFWN	182	F316	10	W	W08507	06/10/77	0	2	S21204ML003-2S1003013				0
584	SO2S1S	24.00	FLG	150.0	RFWN	182	F304	10	W	E05305	01/13/78	0	2	S21204ML004-2S1004014				0
959	SO2S1S	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511	01/28/77	0	2	S21204ML004-2S1004018				0
962	SO2S1S C	8.00	FLG	150.0	RFWN	182	F304	10	W	T62378T	01/28/77	0	2	S21204ML009-2S1009002	-1			0 P
439	SO2S1S C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329	06/09/80	0	2	S21204ML013-1ITEM 50	-1			0 P
440	SO2S1S C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329	06/09/80	0	2	S21204ML013-1ITEM 51	-2			0 P
441	SO2S1S C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329	06/09/80	0	2	S21204ML014-1ITEM 52	-1			0 P
442	SO2S1S C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329	06/09/80	0	2	S21204ML014-1ITEM 53	-2			0 P
585	SO2S1S C	8.00	FLG	300.0	RFWN	182	F316	20	W	HH657	10/16/77	0	2	S21204ML034-2S1034008	-1			0 P
1251	SO2S1S A	8.00	FLG	300.0	RFWN	182	F316	20	W	B2717	3/23/78	0	2	S21204ML036-2S1036007				0
583	SO2S1S C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2827	08/18/78	0	2	S21204ML036-2S1036012	-1			0 P
960	SO2S1S C	8.00	FLG	300.0	RFWN	182	F316	20	W	T55518	05/06/77	0	2	S21204ML037-1ITEM 7	-1			0 P
941	SO2S1S C	8.00	FLG	300.0	RFWN	182	F316	10	W	T62834	01/28/77	0	2	S21204ML038-2S1038025	-1			0 P
987	SO2S1S A	8.00	FLG	300.0	RFWN	182	F316	10	W	B2827	8/18/78	0	3	S21204ML133-2S1133037	-1			0 P
1280	SO2S1S A	8.00	FLG	300.0	RFWN	182	F316	20	W	HH657	10/16/77	0	2	S21204ML145-2S1145005	-2			0 P
1019	SO2F5S C	8.00	FLG	300.0	RFWN	182	F316	20	W	T62834	05/06/77	0	2	S21204ML145-1ITEM 6	-1			0 P
581	SO2S1S C	1.00	FLG	600.0	RFWN	182	F316	40	W	B1345	07/14/78	0	2	S21204ML149-2S1149006	-1			0 P
940	SO2CSS C	8.00	FLG	300.0	RFWN	182	F316	10	W	T62834	01/28/77	0	2	S21206ML001-2CS056001	-1			0 P
939	SO2CSS C	8.00	FLG	300.0	RFWN	182	F316	10	W	T62834	01/28/77	0	2	S21206ML001-2CS056002	-2			0 P
1172	SO2CSS	8.00	FLG	300.0	RFWN	182	F316	20	W	T62834	01/21/77	0	2	S21206ML003-1ITEM 13				0
961	SO2CSS C	8.00	FLG	300.0	RFWN	182	F316	20	W	T55518	05/06/77	0	2	S21206ML004-2CS004035	-1			0 P
938	SO2CSS C	4.00	FLG	300.0	RFWN	182	F316	10	W	T62834	01/28/77	0	2	S21206ML030-2CS030003	-2			0 P
1281	SO2CSS A	4.00	FLG	300.0	RFBL	182	F316	N/A	W	B2753	N/A	0	2	S21206ML030-2CS030005	-1			0 P

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
827	SO2CSS	C	4.00	FLG	300.0	RFBL	182	F316	40	W	S654357		06/10/77	0		2	S21206ML031-2CS031004	-1						0	P
1060	SO2SCS	C	4.00	FLG	300.0	RFWN	182	F316	10	W	WA1877		06/10/77	0		3	S21206ML031-2SC031003	-2						0	P
735	SO2CSS	C	12.00	FLG	300.0	RFWN	182	F316	20	W	B2764		04/05/78	0		2	S21206ML033-ITEM 3	-1						0	P
736	SO2CSS	C	12.00	FLG	300.0	RFWN	182	F316	20	W	B2764		04/05/78	0		2	S21206ML033-ITEM 4	-2						0	P
731	SO2CSS		8.00	FLG	300.0	RFWN	182	F316	20	W	B2717		03/23/78	0		2	S21206ML041-2CS041032							0	
732	SO2CSS		8.00	FLG	300.0	RFWN	182	F316	20	W	B2717		03/23/78	0		2	S21206ML041-2CS041033							0	
733	SO2CSS		8.00	FLG	300.0	RFWN	182	F316	20	W	B2717		03/23/78	0		2	S21206ML041-2CS041033							0	
815	SO2CSS		8.00	FLG	300.0	RFWN	182	F316	20	W	HH657		09/16/77	0		2	S21206ML047-2CS047020							0	
816	SO2CSS		8.00	FLG	300.0	RFWN	182	F316	20	W	HH657		09/16/77	0		2	S21206ML047-2CS047033							0	
817	SO2CCW		8.00	FLG	300.0	RFWN	182	F316	20	W	HH657		09/16/77	0		2	S21206ML047-2CS047033							0	
734	SO2CSS	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2827		08/18/78	0		2	S21206ML053-3CS053002	-1						0	P
551	SO2VCC	C	3.00	FLG	150.0	RFWN	182	F304	40	W	B2502		10/14/77	0		2	S21208ML035-2VC035002	-1						0	P
1271	SO2FSS	A	10.00	FLG	150.0	RFWN	182	304	10	W	T62378T		1/28/77	0		3	S21219ML013-ITEM 31							0	
819	SO2STM	C	4.00	FLG	900.0	RFWN	105	N/A	80	W	T4205		04/04/78	0		3	S21301ML017-ITEM 51	-1		88071345				105*	
743	SO2STM		0.50	FLG	600.0	RFSW	350	LF2	160	W	B3811		07/05/83	0		2	S21301ML921-ITEM 10							0	
742	SO2STM		0.50	FLG	600.0	RFSW	350	LF2	160	W	B3811		07/05/83	0		2	S21301ML921-ITEM 6							0	
744	SO2STM		0.50	FLG	600.0	RFSW	350	LF2	160	W	B3811		07/05/83	0		2	S21301ML924-ITEM 11							0	
1169	SO2FWS	C	8.00	FLG	150.0	RFWN	182	F304	10	W	T62378T		01/28/77	0		3	S21305ML047-2FW047010	-1						0	P
284	SO2FWS	C	0.00	FLG	150.0	REDRFSO	182	F316	N/A	W	B3044		05/18/79	0		3	S21305ML048-ITEM 25	-1						0	P
283	SO2FWS	C	0.00	FLG	150.0	REDRFSO	182	F316	N/A	W	B3044		05/18/79	0		3	S21305ML050-ITEM 38	-1						0	P
297	SO2FWS	C	8.00	FLG	150.0	RFWN	182	F304	10	W	T62378T		01/28/77	0		3	S21305ML053-2FW053001	-1						0	P
437	SO2FWS	C	2.00	FLG	0.0	RFSW	350	LF2	160	W	B3811		07/05/83	0		3	S21305ML078-ITEM 13	-1		88061326				134*	2-2448
829	SO2FWS	C	4.00	FLG	900.0	RFWN	105	N/A	40	W	T4205		06/30/77	0		3	S21305ML098-2FW098025	-1		88071328				150	
830	SO2FWS	C	4.00	FLG	900.0	RFWN	105	N/A	40	W	T4205		06/30/77	0		3	S21305ML099-2FW099028	-1		88061329				141	
268	SO2FWS	C	3.00	FLG	150.0	RFBL	182	F316	N/A	W	B3425		10/24/80	0		3	S21305ML144-ITEM 29	-1						0	P
269	SO2FWS	C	3.00	FLG	150.0	RFBL	182	F316	N/A	W	B3425		10/24/80	0		3	S21305ML144-ITEM 30	-2						0	P
1107	SO2FWS		6.00	FLG	900.0	RFWN	105	N/A	120	W	A03641		10/06/80	0		3	S21305ML331-2FW331001							0	
1131	SO2FWS		6.00	FLG	900.0	RFWN	105	N/A	120	W	A03641		10/06/80	0		3	S21305ML331-2FW331001							0	
290	SO2FWS	C	6.00	FLG	900.0	RFBL	105	N/A	N/A	W	56989		10/06/80	0		3	S21305ML331-2FW331008	-2		88071337				154	
296	SO2FWS	C	6.00	FLG	150.0	RFSO	105	N/A	80	W	3453		10/10/80	0		3	S21305ML335-2FW335002	-1		88071342				145	
276	SO2FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3355		06/27/80	0		3	S21305ML335-2FW335004	-2						0	P
275	SO2FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3371		08/15/80	0		3	S21305ML335-2FW335015	-1						0	P
438	SO2FWS	C	6.00	FLG	300.0	RFSW	182	F316	10	W	B3329		09/24/80	0		3	S21305ML335-2FW335017	-2						0	P
506	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696		10/21/76	0		3	S21413ML001-2SC001001	-5		88071344				150	

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER
502	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML001-2SC001006	-4		88071344 153
509	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML001-2SC001010	-3		88071344 160
503	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML001-2SC001014	-2		88061344 144
507	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML001-2SC001018	-2		88071344 138
1285	SO2SCS	A	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML001-2SC001022	-3		88071348 150
510	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML001-ITEM 10	-6		88071344 141
504	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML002-2SC002002	-1		88071346 138
284	SO2SCS	A	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML002-2SC002006	-2		88071346 168
1064	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML003-2SC003001	-1		88071347 150
508	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML003-2SC003006	-4		88071347 157
1166	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML003-2SC003009			0
1165	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML003-2SC003020			0
512	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML003-ITEM 2	-3		88071347 143
511	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML003-ITEM 6	-2		88071347 151
885	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T415	04/18/78	0		3	S21413ML004-2SC004008	-2		88071348 141
1167	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML004-2SC004012	-7		88071348 158
1286	SO2SCS	A	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML004-2SC004015	-8		88071348 162
840	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML004-2SC004016	-4		88071348 153
886	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T415	04/18/78	0		3	S21413ML004-2SC004021	-5		88071348 163
887	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T415	04/18/78	0		3	S21413ML004-2SC004021	-6		88071348 137
505	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML004-ITEM 19	-1		88071348 156
519	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML005-2SC005006	-3		88071350 150
513	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML005-ITEM 1	-2		88071350 137
303	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML005-ITEM 18	-1		88071350 138
304	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML020-2SC019001	-1		88071556 138
305	SO2SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S21413ML025-2SC025003	-1		88071232 140
552	SO2ACS	C	6.00	FLG	150.0	RFWN	182	F304	10	W	B2502	09/08/78	0		2	S21500ML013-2AC013003			0
1112	SO2ACS	C	6.00	FLG	150.0	RFWN	182	F304	10	W	B2505	09/20/78	0		2	S21500ML013-2AC013003			0
553	SO2ACS	C	6.00	FLG	150.0	RFWN	182	F304	10	W	B2502	09/08/78	0		2	S21500ML015-2AC015003			0
1113	SO2ACS	C	6.00	FLG	150.0	RFWN	182	F304	10	W	B2505	09/20/78	0		2	S21500ML015-2AC015003			0
1272	SO2ACS	A	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/21/77	0		2	S21500ML023-ITEM 32			0
1072	SO2ACS	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	12/21/77	0		2	S21500ML023-ITEM 35			0
923	SO2ACS	C	10.00	FLG	150.0	RFBL	105	N/A	N/A	W	H18A3T	01/17/78	0		2	S21500ML023-ITEM 36			0
1133	SO2NGS	C	2.00	FLG	150.0	FFWN	105	N/A	40	W	COX	09/12/85	0		2	S22418ML335-ITEM 23 (1 OF 3)			0

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST	M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER	
1134	SO2NGS		2.00	FLG	150.0	FFWN	105	N/A	40	W	COX		09/12/85	0		2	S22418ML335-ITEM 23 (2 OF 3)		0				
1135	SO2NGS		2.00	FLG	150.0	FFWN	105	N/A	40	W	COX		09/12/85	0		2	S22418ML335-ITEM 23 (3 OF 3)		0				
974	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML002-2DA002007	-2	88071233	130*		2-2445	
975	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML002-2DA002008	-3	88071233	136*		2-2445	
976	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML002-2DA002008	-4	88071233	134*			
977	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML002-ITEM 5	-1	88071233	142		2-2445	
925	SO2DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		04/18/78	0		3	S22420ML007-2DA007001	-1	88061237	126*		2-2459	
926	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M974801		09/23/77	0		3	S22420ML007-2DA007005	-2	88071241	138			
946	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML007-2DA007006	-3	88071241	141			
947	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML007-2DA007006	-4	88071241				
942	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML008-2DA008001	-1	88071243	130*		2-2446	
943	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML008-2DA008001	-3	88071243	133*		2-2446	
945	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML008-2DA008002	-2	88071243	138			
1139	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	T30266		02/09/77	0		3	S22420ML008-2DA008005		0				
1208	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML008-2DA008006		0				
1209	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML008-2DA008006		0				
1027	SO2DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		04/18/78	0		3	S22420ML008-2DA008007	-4	88071247	129*		2-2461	
1063	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M613601		06/30/77	0		3	S22420ML008-2DA008007	-3	88071247	144			
1028	SO2DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		10/08/78	0		3	S22420ML008-2DA008008	-5	88071247	121*		2-2461	
1029	SO2DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		10/08/78	0		3	S22420ML008-2DA008008	-6	88071247	124*		2-2461	
973	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML016-2DA016008	-2	88071257	138			
971	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML016-2DA016009	-3	88071257	145			
972	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML016-2DA016009	-4	88071257	138			
978	SO2DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML016-ITEM 5	-1	88071257	136.5*		2-2451	
930	SO2DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		04/18/78	0		3	S22420ML021-2DA021001	-1	88071261	125*		2-2474	
948	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML021-2DA021006	-2	88071261	134*			
949	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML021-2DA021006	-3	88071261	129*			
1129	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML021-ITEM 25	-4	88071261	129*			
1031	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML022-2DA022001	-1	88071266	129*		2-2476	
1032	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML022-2DA022001	-2	88071266	126*		2-2476	
1033	SO2DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML022-2DA022002	-3	88071266	162			
1020	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S22420ML022-2DA022007		0				
1127	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	M613601		06/30/77	0		3	S22420ML022-ITEM 16		0				
1151	SO2DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		09/08/78	0		3	S22420ML022-ITEM 17	-4	88071267	130*		2-2468	

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER	
969	SO2DAS		3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML036-2DA036008	-3	88071327	144						
970	SO2DAS		3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML036-2DA036008	-4	88071327	137						
980	SO2DAS		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML036-ITEM 14	-2	88071327	135*				2-2458		
979	SO2DAS		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML036-ITEM 6	-1	88071327	142						
1152	SO2DAS		6.00	FLG	150.0	RFWN	105	N/A	40	W	M908701		04/18/78	0		3	S22420ML041-2DA041001									
1061	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	M974801		09/23/77	0		3	S22420ML041-2DA041005	-1	88071330	140						
1034	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML041-2DA041006	-2	88071330	140						
1035	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML041-2DA041006	-3	88071330	124*				2-2452		
1036	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML042-2DA042001	-1	88071336	135*				2-2450		
1037	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML042-2DA042001	-2	88071336	133*				2-2450		
1038	SO2DAS		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML042-2DA042002	-6	88071333	129*				2-2449		
1239	SO2DAS A		8.00	FLG	150.0	RFWN	105	N/A	40	W	A11404		09/08/78	0		3	S22420ML042-2DA042006	-5	88071333	152						
1240	SO2DAS A		8.00	FLG	150.0	RFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML042-2DA042006	-3	88071333	140						
944	SO2DAS C		8.00	FLG	150.0	RFWN	105	N/A	40	W	M613601		06/30/77	0		3	S22420ML042-2DA042007	-7	88071333	143						
1062	SO2DAS C		6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		04/18/78	0		3	S22420ML042-2DA042007	-8	88071333	148						
1128	SO2DAS		8.00	FLG	150.0	RFWN	105	N/A	40	W	M613601		06/30/77	0		3	S22420ML042-ITEM 17	-4	88071333	145						
968	SO2DAS C		3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		09/08/78	0		3	S22420ML049-2DA049007	-1	88071339	130*				2-2470		
966	SO2DAS C		3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML049-2DA049008	-2	88071339	144						
967	SO2DAS C		3.00	FLG	150.0	FFWN	105	N/A	40	W	T415		04/18/78	0		3	S22420ML049-2DA049008	-3	88071339	137.5						
965	SO2DAS C		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		04/18/88	0		3	S22420ML049-ITEM 5	-1	88071338	147						
1149	SO2DAS		6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		09/08/78	0		3	S22420ML054-2DA054001									
1039	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML054-2DA054006	-1	88071340	147						
1040	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML054-2DA054006	-2	88071340	148						
1130	SO2DAS		8.00	FLG	150.0	RFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML054-ITEM 11									
1041	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML055-2DA055001	-1	88071341	144						
1042	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML055-2DA055001	-2	88071341	140						
1043	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M765401		04/18/78	0		3	S22420ML055-2DA055002	-3	88071341	134*				2-2443		
1148	SO2DAS C		8.00	FLG	150.0	FFWN	105	N/A	40	W	M613601		06/30/77	0		3	S22420ML055-2DA055005	-5	88071343	140						
1292	SO2DAS A		8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S22420ML055-2DA055006	-6	88071343	169						
1293	SO2DAS A		8.00	FLG	150.0	FFWN	105	N/A	40	W	?			0		3	S22420ML055-2DA055006	-5	88071343	168						
1021	SO2DAS C		8.00	FLG	150.0	RFWN	105	N/A	40	W	A11404		09/08/78	0		3	S22420ML055-2DA055007	-7	88071343	189**				2-2465		
1045	SO2DAS C		6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		04/18/78	0		3	S22420ML055-2DA055008	-9	88071343	144						
1150	SO2DAS C		6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		09/08/78	0		3	S22420ML055-2DA055008	-8	88071343	136*				2-2464		
1153	SO2DAS C		6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701		09/08/78	0		3	S22420ML055-ITEM 10	-7	88071343	133*				2-2464		

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST	M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER
831	SO2FOS	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4228		09/08/78	0		3 S22421ML017-ITEM 14	-1	88071349	157			
981	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML018-2F0018001	-1	88071351	143			
1046	SO2FOS	C	2.00	FLG	300.0	RFSW	105	N/A	80	W	COP		0		3 S22421ML018-ITEM 44	-2	88071351	146			
1047	SO2FOS	C	2.00	FLG	300.0	RFSW	105	N/A	80	W	COP		0		3 S22421ML018-ITEM 45	-3	88071351	144			
982	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML020-2F0020001	-1	88071352	145			
1002	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML022-2F0022002	-1	88071353	137			
998	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML023-2F0023001	-1	88071354	144			
999	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML023-2F0023002	-3	88071354	143			
997	SO2FOS	C	3.00	FLG	150.0	RFBL	105	N/A	40	W	T415	09/08/78	0		3 S22421ML023-2F0023003	-2	88071354	137			
832	SO2FOS	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4228	09/08/78	0		3 S22421ML026-ITEM 14	-1	88071355	140.5			
1000	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML027-2F0027001	-1	88071357	133.5*			2-2463
1048	SO2FOS		2.00	FLG	300.0	RFSW	105	N/A	80	W	COP		0		3 S22421ML027-ITEM 57			0			
1184	SO2FOS		2.00	FLG	600.0	RFWN	105	N/A	80	W	COP	03/04/86	0		3 S22421ML027-ITEM 58			0			
983	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML029-2F0029001	-1	88071358	151			
1001	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML031-ITEM 5	-1	88071359	141			
994	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML032-2F0032001	-1	88071360	153			
986	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML032-2F0032002	-3	88071360	145			
985	SO2FOS	C	3.00	FLG	150.0	RFBL	105	N/A	40	W	T415	09/08/78	0		3 S22421ML032-2F0032003	-2	88071360	123*			2-2456
1181	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML066-2F0066006	-1	88071361	143			
989	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML066-2F0066007	-2	88071361	143			
990	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML066-2F0066007	-3	88071361	137			
1182	SO2FOS		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML066-2F0066008			0			
984	SO2FOS		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML066-2F0066010			0			
993	SO2FOS		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML068-2F0068004	-1	88071363	151			
991	SO2FOS		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML068-2F0068005	-2	88071363				
992	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML068-2F0068005	-3	88071363	147			
995	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML068-2F0068006	-4	88071363	143			
996	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML068-2F0068006	-5	88071363	153			
987	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML068-2F0068007	-6	88071363	150			
988	SO2FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0		3 S22421ML068-2F0068008	-7	88071363	136*			2-2457
795	SO3RCS	C	6.00	FLG	600.0	RFWN	182	F316	40	W	B3070	05/18/79	0		2 S31201ML017-3RC017038	-1		0 P			
1125	SO3RCS		6.00	FLG	600.0	RFWN	182	F316	40	W	B3070	05/18/79	0		2 S31201ML017-3RC017038			0			
1183	SO3RCS		6.00	FLG	600.0	RFBL	182	F316	N/A	W	B3296	N/A	0		2 S31201ML017-3RC161001			0			
1122	SO3RCS		6.00	FLG	0.0	LG GROOVE	182	F316	160	W	L18613	06/30/78	0		1 S31201ML032-ITEM #29			0			

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
1123	S03RCS		6.00	FLG	0.0	LG GROOVE	182	F316	160	W	L18613		06/30/78	0		1	S31201ML033-ITEM #30				0				
556	S03CCW	C	18.00	FLG	150.0	RFWN	105	N/A	40	W	T27K		10/21/76	0		3	S31203ML005-3CC005004	-2	88070513	140	67.5				
557	S03CCW	C	28.00	FLG	125.0	FFWN	105	N/A	40	W	W9820		05/12/78	0		3	S31203ML005-3CC005015	-1	88070512	148	70.6				
558	S03CCW	C	18.00	FLG	150.0	RFWN	105	N/A	40	W	T27K		10/21/76	0		3	S31203ML007-3CC007004	-1	88070519	142	68.3				
768	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696		10/21/76	0		3	S31203ML008-3CC008009	-1	88075260	125*			3-2174		
774	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T415		05/04/79	0		3	S31203ML008-3CC008010	-2	88075260	172					
785	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T73519		06/06/79	0		3	S31203ML012-ITEM 11				0				
784	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		05/09/77	0		3	S31203ML012-ITEM 12	-1	88070535	146	69.7				
775	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T415		05/04/79	0		3	S31203ML013-ITEM 36	-2	88070532	140	67.5				
785	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		05/09/77	0		3	S31203ML013-ITEM 51	-1	88070532	137	66				
772	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		05/09/77	0		3	S31203ML014-3CC014002	-2	88070537	154					
922	S03CCW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T415		04/08/78	0		3	S31203ML014-3CC014003	-1	88070537	138					
1282	S03SIS	A	8.00	FLG	300.0	RFWN	182	F316	20	W	HH657		01/12/78	0		2	S31204ML037-ITEM 9	-2			0 P				
570	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/23/77	0		3	S31203ML064-3CC064004	-1	88070538	156	77				
571	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		10/21/76	0		3	S31203ML064-3CC064005	-3	88070538	164	81.5		3-2152		
683	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML064-3CC064005	-2	88070538	180	88				
760	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T2190		10/21/76	0		3	S31203ML064-ITEM 26	-4	88070538	204**	97.6				
776	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		05/04/79	0		3	S31203ML065-ITEM 23	-1	88070540	143.5	68.9				
572	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D		01/21/77	0		3	S31203ML070-3CC070003	-1	88070542	153					
750	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	M764701		09/08/78	0		3	S31203ML070-3CC070004	-3	88070542	134*			3-2165		
769	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696		10/21/76	0		3	S31203ML070-3CC070004	-2	88070542	153					
559	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598		01/17/78	0		3	S31203ML072-3CC072001	-1	88070542	140					
302	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696		10/21/76	0		3	S31203ML072-3CC072002	-2	88070542	153					
560	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T415		04/04/78	0		3	S31203ML072-3CC072006	-3	88070542	133*			3-2194		
771	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	M764701		09/08/78	0		3	S31203ML074-ITEM 29	-3	88070545	134*			3-2139		
770	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696		10/21/76	0		3	S31203ML074-ITEM 31	-1	88070545	151					
782	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4228		09/08/78	0		3	S31203ML074-ITEM 32	-2	88070545	150					
752	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	M764701		09/08/78	0		3	S31203ML076-ITEM 18	-1	88070545	140					
932	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598		10/14/77	0		3	S31203ML078-3CC078001	-1	88070588	134*			3-2166		
573	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D		01/21/77	0		3	S31203ML078-3CC078002	-2	88070588	144					
561	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598		10/14/77	0		3	S31203ML078-ITEM 23	-3	88070588	153					
554	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598		10/14/76	0		3	S31203ML080-3CC080001	-1	88070588	128*			3-2167		
771	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696		10/21/76	0		3	S31203ML080-3CC080001	-2	88070545	147					
451	S02CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598		10/14/77	0		3	S31203ML082-3CC082001	-3	88070589	126*	61.5		3-2125		

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
777	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T415		05/04/79	0		3	S31203ML082-3CC082001	-2	88070589	133*	64.3		3-2125		
574	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642		02/09/77	0		3	S31203ML082-3CC082002	-1	88070589	153	73				
562	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	H598		10/14/77	0		3	S31203ML084-3CC084001	-1	88070589	130*	63		3-2127		
778	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T415		05/04/79	0		3	S31203ML084-3CC084001	-2	88070589	143	68.7				
555	S03CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642		02/09/77	0		3	S31203ML084-3CC084002	-3	88070589	165	82				
563	S03CCW	C	5.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML090-3CC090005		88070591	174.5	85				
564	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML090-3CC090005	-3	88070591	190**	90		3-2151		
747	S03CCW	C	6.00	FLG	150.0	RFSO	105	N/A	40	W	LAG		01/21/77	0		3	S31203ML090-3CC090006	-5	88070591	167	82.5				
779	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		05/04/79	0		3	S31203ML090-3CC090006	-4	88070591	140	67.5				
684	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML090-1TEM 48	-1	88070591	206**	98.3		3-2151		
780	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		05/04/79	0		3	S31203ML091-3CC091008	-1	88070592	147	70				
565	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML092-3CC092007	-1	88070593	198**			3-2154		
566	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML092-3CC092008	-2	88070593	178					
567	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML092-3CC092008	-3	88070593	174					
199	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML092-3E370001X	-4	88070593	172					
327	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML092-3E370001X	-5	88070593	198*			3-2154		
1119	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML093-3CC093006	-1	88070594	205**			3-2153		
568	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML093-3CC093007	-2	88070594	194**			3-2153		
686	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML093-3CC093007	-3	88070594	156					
200	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML093-3E371001X	-4	88070594	189**			3-2153		
329	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML093-3E371001X	-5	88070594	181					
569	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		01/21/77	0		3	S31203ML094-3CC094008	-3	88070593	174					
328	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML094-3E370002X	-1	88070593	177					
2201	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML094-3E370002X	-2	88070593	175					
688	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML095-3CC095007	-3	88070594	159					
202	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML095-3E371002X	-1	88070594	172					
330	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	S31203ML095-3E371002X	-2	88070594	172					
456	S03CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	S31203ML099-3CC099001	-1	88070619	138					
472	S03CCW	C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML102-3CC102002	-1	88070605	137	66				
473	S03CCW	C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML103-3CC103001	-1	88070605	137	66				
474	S03CCW	C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML103-3CC103001	-2	88070605	140	67.5				
470	S03CCW	C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		12/14/76	0		3	S31203ML103-3CC103002	-3	88070605	136*	65.5		3-2129		
475	S03CCW	C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML106-3CC106001	-1	88070607	133*	64.7		3-2130		
476	S03CCW	C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML106-3CC106001	-2	88070607	137	66				

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
469	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML106-3CC106002	-3	88070607	134*	64.9		3-2130		
468	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML137-3CC137002	-1	88070608	138					
471	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML137-3CC137003	-2	88070608	142					
465	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML137-3CC137004	-3	88070608	141					
577	SO3CCW	C	28.00	FLG	125.0	FFWN	105	N/A	40	W	W9666		03/23/78	0		3	S31203ML145-3CC145004	-1	88070609	143	68.7				
578	SO3CCW	C	28.00	FLG	125.0	FFWN	105	N/A	40	W	W9820		05/12/78	0		3	S31203ML147-3CC147001	-1	88070610	147	70				
462	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T2578		09/13/79	0		3	S31203ML147-3CC147002	-3	88070610	148	70.6				
454	SO3CCW	C	6.00	FLG	150.0	RFWN	105	N/A	40	W	T1830		09/28/79	0		3	S31203ML147-3CC147004	-2	88070610	169	83				
748	SO3CCW	C	3.00	FLG	150.0	RFB LND	105	N/A	40	W	M1223		05/04/79	0		3	S31203ML147-ITEM 90	-4	88070610	143	68.7				
576	SO3CCW		28.00	FLG	125.0	FFWN	105	N/A	40	W	W9666		02/23/78	0		3	S31203ML149-3CC149001			0					
546	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML151-3CC151002	-1	88070613	129*	62.9		3-2126		
477	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML151-3CC151003	-1	88070613	138	66.5				
545	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML153-3CC153002	-1	88070614	136*	65.5		3-2132		
1264	SO3CCW	A	10.00	FLG	150.0	RFWN	105	N/A	10	W	HJ		10/21/76	0		2	S31203ML155-3CC155002			0					
466	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML157-3CC157002	-8	88070614	140	67.5				
467	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML157-3CC157002	-9	88070614	147	70				
547	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML157-3CC157003	-6	88070614	136*	65.5		3-2131		
548	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML157-3CC157003	-7	88070614	133*	64.7		3-2131		
1265	SO3CCW	A	10.00	FLG	150.0	RFWN	105	N/A	10	W	HJ		10/21/76	0		3	S31203ML157-3CC157004			0					
543	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML157-3CC157005	-5	88070614	125*	61		3-2131		
544	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML157-3CC157005	-4	88070614	128*	62.5		3-2131		
541	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML157-3CC157006	-3	88070614	129*	62.9		3-2131		
542	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML157-3CC157006	-2	88070614	138	66.5				
540	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML157-3CC157007	-1	88070614	128*	62.5		3-2131		
773	SO3CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T97642		02/09/77	0		3	S31203ML158-3CC158001	-1	88070615	157					
921	SO3CCW		4.00	FLG	150.0	RFBL	105	N/A	N/A	W	H904		09/08/78	0		3	S31203ML158-3CC158004			0					
575	SO3CCW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642		02/03/77	0		3	S31203ML159-3CC159001	-1	88070616	145					
453	SO3CCW	C	28.00	FLG	125.0	FFWN	105	N/A	40	W	H1321		5/12/78	0		3	S31203ML164-3CC164003	-1	88070617	148	70.6				
457	SO3CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		01/21/77	0		3	S31203ML210-3CC210027	-1	88070618	140	67.5				
458	SO3CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		01/21/77	0		3	S31203ML210-3CC210028	-2	88070618	144	69				
538	SO3CCW		10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML228-3CC228001			0					
1124	SO3CCW		10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ		10/21/76	0		3	S31203ML228-3CC228002			0					
539	SO3CCW		8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		01/21/77	0		3	S31203ML228-3CC243001	-2	88070619	140					
492	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML231-3CC231002	-1	88070620	139					

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
493	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML231-3CC231003	-2	88070620	142					
483	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML231-3CC231004	-3	88070620	141					
783	S03CCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T4298		10/21/76	0		3	S31203ML243-3CC243025	-1	88070621	145	69.3				
500	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML247-3CC247009	-1	88070622	132*				3-2142	
1156	S03CCW		10.00	FLG	150.0	FFWN	105	N/A	40	W	T4205		12/14/76	0		3	S31203ML252-3CC252009				0				
767	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML273-3CC273009	-1	88072794	144	69				
494	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML273-3CC273010	-2	88072794	141	68				
495	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML273-3CC273010	-3	88072794	157	78				
486	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML273-3CC273011	-4	88072794	145	69.3				
1157	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		2	S31203ML273-3CC273011	-5	88072794	140	67.5				
1186	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T36330		02/09/77	0		2	S31203ML273-3E401002	-6	88072794	154	74				
333	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-2	88070920	184**					
334	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-5	88070920	189**					
335	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-6	88070920	179					
336	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-9	88070920	171					
337	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-11	88070920	199**					
338	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-14	88070920	184					
339	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-15	88070920	183					
340	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-19	88070920	166					
341	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402001	-20	88070920	200**					
1254	S03CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		6/17/77	0		2	S31203ML273-3E402001	-23	88070920	222**					
205	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004A	-22	88070920	141					
206	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004A				0				
207	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004B	-18	88070920	208**					
208	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004B				0				
209	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004C	-13	88070920	175					
210	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004C				0				
211	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004D	-8	88070920	213**					
212	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004D				0				
144	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004E	-4	88070920	195**					
213	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402004E				0				
342	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402005A	-21	88070920	218**					
343	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402005B	-16	88070920	176					
344	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402005C	-12	88070920	190**					

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
332	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402005D	-7	88070920	202**					
331	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-3E402005E	-1	88070920	194**					
203	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-ITEM 20	-3	88070920	205**					
204	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML273-ITEM 23	-17	88070920	236**					
350	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402002	-28	88070920	242**					
351	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402002	-33	88070920	178					
352	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402002	-38	88070920	186					
353	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402002	-42	88070920	190**					
354	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T36330		02/19/77	0		2	S31203ML275-3E402002	-1	88072794	141	68				
639	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402002	-48	88070920	174					
230	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003A				0				
231	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003A	-25	88070920	225**					
232	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003B				0				
233	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003B	-30	88070920	167					
214	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003C				0				
216	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003D				0				
217	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003D	-40	88070920	228**					
218	S03CCW		3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003E				0				
219	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402003E	-45	88070920	213**					
349	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402005F	-27	88070920	175					
348	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402005G	-32	88070920	193**					
347	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402005H	-37	88070920	246**					
346	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402005I	-43	88070920	215**					
345	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-3E402005J	-47	88070920	179					
146	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 10	-29	88070920	220**					
147	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 11	-34	88070920	198**					
148	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 12	-39	88070920	185					
149	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 13	-44	88070920	245**					
150	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 14	-26	88070920	211**					
151	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 15	-31	88070920	208**					
152	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 16	-36	88070920	251**					
153	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 17	-41	88070920	222**					
154	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 18	-46	88070920	201**					
215	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML275-ITEM 19	-35	88070920	230**					

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER
549	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		2	S31203ML275-1TEM 26	-2	88072794	154	74		
145	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML275-1TEM 9	-24	88070920	162			
478	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML277-3CC277008	-1	88072791	145	69.3		
490	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML277-3CC277009	-2	88072791	145	69.3		
491	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML277-3CC277009	-3	88072791	148	70.6		
484	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML277-3CC277010	-4	88072791	148	70.6		
485	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML277-3CC277010	-5	88072791	144.5	69.1		
360	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-24	88070917	195**			
361	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-34	88070917	177			
362	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-27	88070917	220**			
363	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-35	88070917	175			
364	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-29	88070917	180			
365	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-36	88070917	174			
366	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-31	88070917	192**			
367	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-37	88070917	192**			
368	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-33	88070917	189**			
369	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML277-3E399001	-38	88070917	180			
370	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T36330	02/09/77	0		2	S31203ML277-3E399001	-6	88072791	150.5	72.1		
359	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-399005E	-23	88070917	184			
480	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML279-3CC279008	-2	88072791	153	73		
376	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399002	-40	88070917	195**			
377	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399002	-42	88070917	180			
378	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399002	-44	88070917	189**			
379	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399002	-46	88070917	213**			
380	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T36330	02/09/77	0		2	S31203ML279-3E399002	-1	88072791	151.5	72.5		
155	S03CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	6/17/77	0		2	S31203ML279-3E399002	-47	88070917	165			
157	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003A	-2	88070917	182			
158	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003A	-1	88070917	196**			3-2150
159	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003B	-6	88070917	186**			3-2150
160	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003B	-6	88070917	220**			3-2150
161	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003C	-11	88070917	215**			3-2150
162	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003C	-10	88070917	226**			3-2150
163	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003D	-16	88070917	171			
165	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003E	-20	88070917	174			

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER
166	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399003E	-19	88070917 226**		3-2150
220	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004A	-4	88070917 211**		3-2150
221	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004A	-3	88070917 231**		3-2150
222	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004B	-8	88070917 168		
223	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004B	-7	88070917 172		
224	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004C	-13	88070917 181		
225	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004C	-12	88070917 248**		3-2150
226	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004D	-18	88070917 216**		3-2150
227	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004D	-17	88070917 207**		3-2150
228	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004E	-22	88070917 168		
229	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399004E	-22	88070917 206**		3-2150
355	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005A	-32	88070917 184		
356	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005B	-30	88070917 172		
357	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005C	-28	88070917 192**		
358	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005D	-26	88070917 222**		
375	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005F	-39	88070917 180		
374	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005G	-41	88070917 171		
373	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005H	-43	88070917 192**		
372	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005I	-45	88070917 167		
1283	S03CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-3E399005J		88070917 174		
155	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-ITEM 14	-9	88070917 197**		3-2150
156	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML279-ITEM 15	-14	88070917 221**		3-2150
167	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281 1T.12	-26	88070919 179		
168	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281 1T.13	-20	88070919 220**		
169	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281 1T.14	-14	88070919 195**		
170	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281 1T.15	-9	88070919 227**		
171	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281 1T.16	-4	88070919 218**		
172	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281 1T.17	-7	88070919 202**		
496	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML281-3CC281015	-1	88072793 145	69.3	
481	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML281-3CC281016	-2	88072793 147	70	
482	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML281-3CC281016	-3	88072793 138	66.5	
487	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML281-3CC281017	-4	88072793 134*	64.8	3-2110
488	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML281-3CC281017	-5	88072793 144	69	
382	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-1	88070919 169		

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER
383	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-2		88070919 161
384	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-8		88070919 178
385	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-11		88070919 208**
386	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-12		88070919 189**
387	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-17		88070919 172
388	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-18		88070919 184
389	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-22		88070919 166
390	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T36330	02/09/77	0		2	S31203ML281-3E401001	-6		88072793 143 68.7
618	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401001	-23		88070919 179
173	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004A	-27		88070919 180
174	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004A	-28		88070919
175	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004B	-21		88070919 235**
176	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004B	-25		88070919 213**
177	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004C	-15		88070919 182
178	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004C	-16		88070919 224**
179	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004D	-10		88070919 237**
180	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004E	-6		88070919 199**
181	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401004E	-5		88070919 206**
381	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML281-3E401005A	-24		88070919 189**
1257	SO3CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	6/17/77	0		2	S31203ML281-3E401005B	-19		88070919 241**
1258	SO3CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	6/17/77	0		2	S31203ML281-3E401005C	-13		88070919 247**
1260	SO3CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	6/17/77	0		2	S31203ML281-3E401005E	-3		88070919 179
182	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.12	-31		88070919 171
183	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.14	-36		88070919 179
184	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.16	-41		88070919 169
185	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.18	-46		88070919 195**
186	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.19	-49		88070919 224**
187	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.20	-52		88070919 207**
188	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.22	-50		88070919 173
189	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283 1T.23	-39		88070919 233**
497	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		3	S31203ML283-3CC283015	-2		88072793 151 72.3
395	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283-3E401002	-33		88070919 182
396	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283-3E401002	-38		88070919 171
397	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E	06/17/77	0		2	S31203ML283-3E401002	-43		88070919 209**

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
398	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401002	-48	88070919	181					
1185	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	N/A	W	136330		02/09/77	0		2	S31203ML2E3-3E401002	-1	88072793	147	70				
1261	SO3CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		6/17/77	0		2	S31203ML2E3-3E401002	-54	88070919	192**					
234	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003A	-29	88070919	216**					
235	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003A	-30	88070919	241**					
236	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003B	-34	88070919	173					
37	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003B	-35	88070919	175					
190	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003C	-40	88070919	177					
238	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003D	-44	88070919	224**					
239	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003D	-45	88070919	224**					
191	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401003E	-51	88070919	180					
394	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401005F	-32	88070919	163					
393	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401005G	-37	88070919	207**					
1262	SO3CCW	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		6/17/77	0		2	S31203ML2E3-3E401005H	-42	88070919	227**					
392	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401005I	-47	88070919	181					
391	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E3-3E401005J	-53	88070919	191**					
192	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5 1T.13	-27	88070918	189**					
193	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5 1T.14	-21	88070918	196**					
194	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5 1T.15	-15	88070918	194**					
195	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5 1T.16	-9	88070918	193**					
196	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5 1T.17	-3	88070918	242**					
1158	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		2	S31203ML2E5-3CC2E5006	-1	88072792	148	70.6				
498	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML2E5-3CC2E5007	-2	88072792	136*	65.5			3-2114	
499	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML2E5-3CC2E5007	-3	88072792	144.5	69.1				
99	SO3CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	136330		02/09/77	0		2	S31203ML2E5-3E400001	-4	88072792	145	69.3				
405	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-1	88070918	175					
406	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-6	88070918	237**					
407	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-7	88070918	174					
408	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-12	88070918	199**					
409	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-13	88070918	189**					
410	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-18	88070918	197**					
411	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-19	88070918	174					
412	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-24	88070918	199**					
413	SO3CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML2E5-3E400001	-25	88070918	222**					

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
414	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400001	-30	88070918	207**					
240	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004A	-28	88070918	187					
241	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004A	-29	88070918						
242	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004B	-22	88070918	206**					
243	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004B	-23	88070918						
244	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004C	-16	88070918	189**					
245	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004C	-17	88070918						
246	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004D	-10	88070918	185					
247	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004D	-11	88070918	179					
248	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004E	-4	88070918	198**					
249	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400004E	-5	88070918	169					
404	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400005A	-26	88070918	207**					
403	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400005B	-20	88070918	185					
402	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400005C	-14	88070918	195**					
401	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400005D	-8	88070918	173					
400	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML285-3E400005E	-1	88070918	235**					
198	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.10	-49	88070918	207**					
252	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.11	-43	88070918	209**					
253	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.12	-37	88070918	162					
254	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.13	-31	88070918	215**					
255	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.14	-58	88070918	233**					
256	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.15	-52	88070918	186					
257	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.16	-46	88070918	207**					
258	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.17	-40	88070918	194**					
259	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.18	-34	88070918	218**					
297	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287 1T.9	-55	88070918	169					
479	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML287-3CC287006	-2	88072792	144.5	69.1				
421	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400002	-60	88070918	202**					
422	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400002	-54	88070918	157					
423	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400002	-48	88070918	180					
424	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400002	-42	88070918	168					
425	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400002	-36	88070918	178					
426	S03CCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	136330		02/09/77	0		2	S31203ML287-3E400002	-1	88072792	156.5	77.5				
250	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003A	-56	88070918	181					

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KS1	CONV	NCR	NUMBER
251	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003A	-57	88070918	179					
260	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003B	-50	88070918	199**					
261	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003B	-51	88070918	198**					
262	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003C	-44	88070918	163					
263	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003C	-45	88070918	189**					
264	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003D	-38	88070918	191**					
265	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003D	-39	88070918	188**					
266	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003E	-32	88070918	228**					
267	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400003E	-33	88070918	235**					
420	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400005F	-59	88070918	197**					
419	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400005G	-53	88070918	180					
418	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400005H	-47	88070918	192**					
417	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400005I	-41	88070918	177					
416	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML287-3E400005J	-35	88070918	227**					
489	S03CCW	C	12.00	FLG	150.0	RFWN	105	N/A	40	W	T4205		01/21/77	0		3	S31203ML293-3CC293002	-1	88070623	136*	65.5		3-2128		
164	S03CCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		2	S31203ML279-3E399003D	-15	88070917	175					
893	S03S1S	C	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511		01/28/77	0		2	S31204ML001-3S1001003	-1			0	P			
790	S03S1S	C	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511		01/28/77	0		2	S31204ML002-3S1002003	-1			0	P			
851	S03S1S	C	24.00	FLG	150.0	RFWN	182	F304	10	W	E05353		11/18/77	0		2	S31204ML002-3S1109002	-2			0	P			
739	S03S1S		16.00	FLG	150.0	RFWN	182	F304	10	W	BRB		09/13/79	0		2	S31204ML003-3S1003002				0				
740	S03S1S		16.00	FLG	150.0	RFWN	182	F304	10	W	BRB		09/13/79	0		2	S31204ML003-3S1003002				0				
1167	S03S1S		2.00	FIT	0.0	N/A	403	304	N/A	W	AB785		07/26/79	0		2	S31204ML003-3S1003002				0				
1206	S03S1S		24.00	FLG	150.0	FFWN	182	F304	10	W	T55511		01/28/77	0		2	S31204ML003-3S1003013				0				
789	S03S1S	C	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511		01/28/77	0		2	S31204ML003-3S1003017	-1			0	P			
92	S03S1S	C	24.00	FLG	150.0	FFWN	182	F304	10	W	T55511		01/28/77	0		2	S31204ML004-3S1004014	-1			0	P			
88	S03S1S	C	24.00	FLG	150.0	RFWN	182	F304	10	W	T55511		01/28/77	0		2	S31204ML004-3S1004018	-2			0	P			
891	S03S1S	C	8.00	FLG	150.0	RFWN	182	F304	10	W	T62378T		01/28/77	0		2	S31204ML009-3S1009002	-1			0	P			
755	S03S1S	C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329		06/09/80	0		2	S31204ML013	-1			0	P			
756	S03S1S	C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329		06/09/80	0		2	S31204ML013	-2			0	P			
757	S03S1S	C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329		06/09/80	0		2	S31204ML014	-1			0	P			
758	S03S1S	C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329		06/09/80	0		2	S31204ML014	-2			0	P			
443	S03S1S	C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329		06/09/80	0		2	S31204ML020	-1			0	P			
444	S03S1S	C	4.00	FLG	900.0	RFWN	182	F316	80	W	B3329		06/09/80	0		2	S31204ML020	-2			0	P			
1296	S03S1S	A	1.00	FLG	0.0	RFWN	182	F316	80	W	B2496		6/30/77	0		2	S31204ML020-3S1020032				0				

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
730	S03S1S	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2818		06/08/78	0		2	S31204ML036-3S1036007	-1							0 P
738	S03S1S	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2870		11/15/78	0		2	S31204ML037-3S1137003	-1							0 P
888	S03S1S	C	8.00	FLG	300.0	RFWN	182	F316	20	W	162834		01/21/77	0		2	S31204ML038-3S1038025	-1							0 P
753	S03S1S	C	3.00	FLG	0.0	RFWN	182	F316	160	W	B3252		02/22/80	0		2	S31204ML087-3S1087015	-1							0 P
754	S03S1S	C	3.00	FLG	0.0	RFWN	182	F316	160	W	B3252		02/22/80	0		2	S31204ML087-3S1087016	-2							0 P
798	S03S1S	C	3.00	FLG	0.0	RFWN	182	F316	160	W	B3252		02/22/80	0		2	S31204ML089-3S1089012	-1							0 P
799	S03S1S	C	3.00	FLG	0.0	RFWN	182	F316	160	W	B3252		02/22/80	0		2	S31204ML089-3S1089013	-2							0 P
87	S03S1S	C	8.00	FLG	300.0	RFWN	182	N/A	20	W	HH657		09/16/77	0		2	S31204ML145-3S1145004	-1							0 P
1173	S03S1S	C	8.00	FLG	300.0	RFWN	182	F316	20	W	162834		01/21/77	0		2	S31204ML145-1ITEM 7	-2							0 P
737	S03S1S	C	1.00	FLG	600.0	RFWN	182	F316	80	W	B2829		08/18/78	0		2	S31204ML149-3S1149006	-1							0 P
786	S03S1S	C	2.50	FLG	300.0	RFWN	182	N/A	10	W	B2938		01/12/79	0		3	S31204ML180-3S1180001	-1							0 P
818	S03CSS	C	8.00	FLG	300.0	RFWN	182	F316	20	W	HH657		01/12/78	0		2	S31206ML003-3CS003027	-1							0 P
1174	S03CSS		8.00	FLG	300.0	RFWN	182	F316	20	W	162834		01/21/77	0		2	S31206ML004-3CS004035								0
894	S03CSS	C	4.00	FLG	300.0	RFBL	182	F316		W	162834		03/14/77	0		2	S31206ML030-3CS030004								0 P
896	S03CSS	C	4.00	FLG	300.0	RFWN	182	F316	10	W	162834		01/28/77	0		2	S31206ML031-3CS031003	-1							0 P
895	S03CSS	C	4.00	FLG	300.0	RFBL	182	F316		W	162834		01/28/77	0		2	S31206ML031-3CS031004	-2							0 P
591	S03CSS	C	12.00	FLG	300.0	RFWN	182	F316	20	W	B2712		04/18/78	0		2	S31206ML033-3CS033003	-1							0 P
588	S03CSS	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2706		01/12/78	0		2	S31206ML041-3CS041003	-3							0 P
592	S03CSS	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2717		03/23/78	0		2	S31206ML041-3CS041032	-1							0 P
595	S03CSS	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2818		06/08/78	0		2	S31206ML041-3CS041033	-2							0 P
589	S03CSS	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2706		01/12/78	0		2	S31206ML047-3CS047032	-1							0 P
590	S03CSS	C	8.00	FLG	300.0	RFWN	182	F316	20	W	B2706		01/12/78	0		2	S31206ML047-3CS047032	-2							0 P
593	S03CSS		8.00	FLG	300.0	RFSO	182	F316	N/A	W	B2764		04/05/78	0		2	S31206ML047-3CS047040								0
594	S03CSS		8.00	FLG	300.0	RFSO	182	F316	N/A	W	B2764		04/05/78	0		2	S31206ML047-3CS047040								0
294	S03VCS	C	2.00	FLG	150.0	RFWN	182	F316	10	W	B2528		06/10/77	0		2	S31208ML005-3VC005008	-1							0 P
294	S03VCS	C	4.00	FLG	150.0	RFWN	182	F304	40	W	B3011		05/04/79	0		2	S31208ML007	-1							0 P
292	S03VCS	C	4.00	FLG	150.0	RFWN	182	F316	40	W	B2470		10/14/77	0		2	S31208ML055	-1							0 P
293	S03VCS	C	4.00	FLG	150.0	RFWN	182	F316	40	W	B2470		10/14/77	0		2	S31208ML056	-1							0 P
889	S03FSS	C	10.00	FLG	150.0	RFWN	182	F304	10	W	162378T		01/28/77	0		3	S31219ML012-3FS012002	-1							0 P
890	S03FSS	C	10.00	FLG	150.0	RFWN	182	F304	10	W	162378T		01/28/77	0		3	S31219ML012-3FS012002	-2							0 P
1171	S03FSS	C	10.00	FLG	150.0	RFWN	182	F304	10	W	162378T		01/28/77	0		3	S31219ML031-1ITEM 8	-2							0 P
1170	S03FSS	C	10.00	FLG	150.0	RFWN	182	F304	10	W	162378T		01/28/77	0		3	S31219ML031-1ITEM 9	-1							0 P
792	S03FSS	C	6.00	FLG	150.0	RFWN	182	F316	10	W	B2995		05/04/79	0		2	S31219ML067-3FS067001	-1							0 P
793	S03FSS	C	3.00	FLG	150.0	RFWN	182	F316	10	W	B2995		05/04/79	0		2	S31219ML072-3FS072001	-1							0 P

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER		
291	SO3STM	C	4.00	FLG	900.0	RFWN	105	N/A	80	W	T4205	04/04/78	0	3	S31301ML017-3ST017010	-1	88070935	154	
1288	SO3STM	A	1.00	FLG	600.0	RFWN	105	N/A	80	W	CL2		0	0	S31301ML843A	-1	0	121*	3-2195
1289	SO3STM	A	1.00	FLG	600.0	RFWN	105	N/A	80	W	CL2		0	0	S31301ML843A	-2	0	122*	3-2195
1105	SO3STM		0.50	FLG	600.0	RFSW	350	LF2	160	W	B3811	07/05/83	0	2	S31301ML921-ITEM #16		0		
741	SO3FWS	C	6.00	FLG	300.0	RFWN	182	F316	10	W	B2919	11/15/78	0	3	S31305ML047-3FW047001	-2	0	P	
282	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3035	05/05/79	0	3	S31305ML047-3FW047010	-1	0	P	
728	SO3FWS	C	0.00	FLG	150.0	RFWN	182	F316	40	W	B2911	08/20/79	0	3	S31305ML048-ITEM 24	-1	0	P	
281	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3035	05/04/79	0	3	S31305ML049-3FW049005	-1	0	P	
729	SO3FWS	C	7.50	FLG	150.0	RFWN	182	F316	40	W	B2911	08/20/79	0	3	S31305ML050-3FW050001	-1	0	P	
791	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B2919	12/15/78	0	3	S31305ML053-3FW053001	-1	0	P	
726	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A	120	W	P86861	07/26/79	0	3	S31305ML098-3FW098026	-1	88070936	158	
295	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A		W	P86861	07/26/79	0	3	S31305ML099-3FW099029	-1	88070939	157	
727	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A	120	W	P86861	07/26/79	0	3	S31305ML099-3FW099034	-2	88070939	159	
278	SO3FWS	C	6.00	FLG	900.0	RFBL	105	N/A	N/A	W	L0768	04/27/81	0	3	S31305ML100	-2	88070940	119*	3-2137
285	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A	120	W	A41234	04/06/81	0	3	S31305ML100	-1	88070940	137	
445	SO3FWS	C	3.00	FLG	150.0	RFBL	182	F316	N/A	W	B3425	06/18/81	0	3	S31305ML144	-1	0	P	
446	SO3FWS	C	3.00	FLG	150.0	RFBL	182	F316	N/A	W	B3425	06/18/81	0	3	S31305ML144	-2	0	P	
279	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B2764	05/12/78	0	3	S31305ML301-3FW301003	-1	0	P	
280	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3035	05/04/79	0	3	S31305ML302-3FW302003	-1	0	P	
1294	SO3FWS	A	6.00	FLG	150.0	RFWN	182	F316	10	W	B3036	N/A	0	3	S31305ML303-3FW303001	-1	0	P	
1111	SO3FWS		6.00	FLG	900.0	RFWN	105	N/A	120	W	A41234	08/04/80	0	3	S31305ML331-3FW331001		0		
286	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A	120	W	A41234	04/06/81	0	3	S31305ML331-3FW331002	-1	88071185	136*	3-2159
287	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A	120	W	A41234	04/06/81	0	3	S31305ML331-3FW331006	-2	88071185	141	
288	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A	120	W	A41234	04/06/81	0	3	S31305ML331-3FW331007	-3	88071185	154	
289	SO3FWS	C	6.00	FLG	900.0	RFWN	105	N/A	120	W	A41234	04/06/81	0	3	S31305ML331-3FW331007	-4	88071185	144	
277	SO3FWS	C	6.00	FLG	900.0	RFBL	105	N/A	N/A	W	L0784	04/27/81	0	3	S31305ML331-3FW331008	-5	88071185	126*	3-2159
274	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3539	04/23/81	0	3	S31305ML335-3FW335013	-1	0	P	
272	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3539	04/23/81	0	3	S31305ML335-3FW335014	-2	0	P	
273	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3539	04/23/81	0	3	S31305ML335-3FW335014	-3	0	P	
270	SO3FWS	C	6.00	FLG	300.0	RFWN	182	F316	10	W	B3539	04/23/81	0	3	S31305ML335-3FW335015	-5	0	P	
271	SO3FWS	C	8.00	FLG	150.0	RFWN	182	F316	10	W	B3539	04/23/81	0	3	S31305ML335-3FW335015	-4	0	P	
579	SO3FWS	C	0.00	FLG	150.0	REDRFSW	182	F316		W	B3425		0	3	S31305ML340	-1	0	P	
307	SO3SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0	3	S31413ML001-3SC001001	-6	88070624	143	
1080	SO3SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0	3	S31413ML001-3SC001006	-4	88070624	154	

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O NUMBER	T-HARD	KSI	CONV	NCR NUMBER
308	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML001-3SC001010	-3	88070624	160			
312	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML001-3SC001014	-2	88070624	146			
311	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML001-3SC001018	-1	88070624	181			
320	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML001-3SC001022	-5	88070624	159			
306	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	11/01/76	0		3	S31413ML001-ITEM 27	-7	88070624	153			
1198	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML002-3SC002001	-1	88070625	148			
310	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML002-3SC002006	-2*	88070625	151			
14	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML003	-1	88070625	125*			3-2196
1081	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML003-3SC003001	-6	88060625	122*			3-2173
1101	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML003-3SC003001	-7	88060625	126*			3-2173
322	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML003-3SC003005	-2	88060625	179			
321	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML003-3SC003006	-4	88070625	157			
316	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML003-3SC003009	-3	88060625	125*			3-2173
1168	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0			S31413ML003-3SC003017	-5	88060625	154			
318	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML003-3SC003020			0			
317	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-3SC004002	-1	88070626	121*	59		3-2136
501	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-3SC004006	-2	88070626	132.5*	64.1		3-2136
1188	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T415	04/18/78	0		3	S31413ML004-3SC004008			0			
314	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-3SC004012	-4	88070626	131*			
324	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-3SC004015	-5	88070626	152			
313	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-3SC004016	-6	88070626	159			
309	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-3SC004021	-7	88070626	135*			3-2136
516	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-3SC004021	-8	88070626	143			
515	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML004-ITEM 28	-3	88070626	136*			3-2136
719	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML005-3SC005002	-2	88070626	131*	63.5		
25	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML005-3SC005006			0			
323	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML005-3SC005010	-3	88070626	142			
517	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML005-ITEM 27	-1	88070626	130*	63		
315	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML020-3SC019001	-1	88070627	153			
518	S03SCS	C	2.50	FLG	150.0	FFWN	105	N/A	40	W	T4696	10/21/76	0		3	S31413ML025-3SC025003	-1	88061194	124*			
1114	S03ACS	C	6.00	FLG	150.0	RFWN	182	F304	10	W	B2505	09/20/78	0		2	S31500ML013-3AC013003			0			
725	S03ACS	C	10.00	FLG	150.0	RFBL	105	N/A	N/A	W	18A3T	01/08/88	0		2	S31500ML023-3AC023007	-1	88072103	125*			3-2175
1159	S03ACS	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0		2	S31500ML023-3AC023008	-2	88072103	151			3-2175
1163	S03ACS	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T443192	05/09/77	0		2	S31500ML023-3AC023009	-4	88072103	121*			3-2175

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER		
724	SO3ACS	C	10.00	FLG	150.0	RFBL	105	N/A	N/A	W	18A3T	01/08/88	0	2	S31500ML023-3AC023010	-3	88072103	128*	
1290	SO3CCW	A	3.00	FLG	150.0	FRWN	105	N/A	40	W	J4E	6/17/77	0	2	S31501ME402 AT 3E402004C	-10	88070920	176	
812	SO3CHW	C	6.00	FLG	150.0	RFSO	105	N/A	40	W	T1830	05/04/79	0	3	S31513ML061-3CH061010	-1	88071196	138	
1238	SO3CHW	A	6.00	FLG	150.0	RFWN	105	N/A	40	W	TA07194	09/23/77	0	3	S31513ML061-3CH061010		0		
926	SO3CHW		4.00	FLG	150.0	RFBL	105	N/A	N/A	W	TQ	10/12/79	0	3	S31513ML150-3CH150017		0		
586	SO3CHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696	10/21/76	0	3	S31513ML255-3CH255019	-1	88071200	158	
527	SO3CHW	C	4.00	FLG	150.0	RFBL	105	N/A	N/A	W	TQ	10/12/79	0	3	S31513ML255-3CH255021	-2	88071200	160	
921	SO3CHW	A	4.00	FLG	150.0	RFWN	105	N/A	40	W	T4696	10/21/76	0	3	S31513ML259-3CH259017	-1	88071202	145	
928	SO3CHW	C	4.00	FLG	150.0	RFBL	105	N/A	N/A	W	TQ	10/12/79	0	3	S31513ML259-3CH259019	-2	88071202	151	
1189	SO3DAS		2.50	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML002-3DA002001		0		
907	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML002-3DA002007	-1	88061207	132*	3-2156
904	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML002-3DA002008	-2	88071207	129*	3-2156
905	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML002-3DA002008	-3	88061207	134*	3-2156
913	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701	09/08/78	0	3	S32420ML007-3DA007001	-1	88070943	120*	
1082	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML007-3DA007005	-2	88070943	158	
1083	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML007-3DA007006	-3	88070943	153	
1084	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML007-3DA007006	-4	88070943	147	
1085	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML008-3DA008001	-1	88070944	162	
1086	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML008-3DA008001	-2	88070944	172	
1087	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML008-3DA008002	-3	88070944	166	
1088	SO3DAS	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML008-3DA008005	-4	88070944	140	
1089	SO3DAS	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML008-3DA008006	-5	88070944	137	
1090	SO3DAS	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML008-3DA008006	-6	88070944	147	
1024	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML008-3DA008007	-8	88070944	134*	
921	SO3DAS	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML008-3DA008007	-7	88070944	137	
926	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML008-3DA008008	-9	88070944	137	
917	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML008-3DA008008	-10	88070944	128*	
899	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML016-3DA016001	-1	88070945	138	
906	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML016-3DA016008	-2	88070945	126*	
902	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML016-3DA016009	-3	88070945	145	
903	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML016-3DA016009	-4	88070945	143	
1197	SO3FOS		3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML016-1ITEM 11		0		
1092	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML021-3DA021005	-1	88070947	143	
1093	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML021-3DA021006	-2	88070947	145	

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
1094	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML021-3DA021006	3	-3	88070947	153						
1095	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML022-3DA022001	3	-1	88070948	143						
1096	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML022-3DA022001	3	-2	88070948	126*						
1097	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML022-3DA022002	3	-3	88070948	144						
910	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML022-3DA022005	3	-4	88070948	145						
1098	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML022-3DA022006	3	-5	88070948	150						
099	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML022-3DA022006	3	-6	88070948	124*					3-2145	
000	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML022-3DA022007	3	-7	88070948	148						
1022	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML022-3DA022008	3	-9	88070948	140						
1023	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML022-3DA022008	3	-10	88070948	137						
1154	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701	04/18/78	0	3	S32420ML022-1TEM 13	3	-8	88070948	165						
898	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML036-3DA036001	3	-1	88070949	143						
1201	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML036-3DA036007	3	-2	88070949	136*					3-2148	
900	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML036-3DA036008	3	-3	88070949	133*					3-2149	
901	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML036-3DA036008	3	-4	88070949	141						
912	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	M908701	09/08/78	0	3	S32420ML041-3DA041001	3	-1	88070950	136*					3-2140	
1003	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML041-3DA041005	3	-2	88070950	158						
1004	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML041-3DA041006	3	-3	88070950	163						
1005	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML041-3DA041006	3	-4	88070950	156						
1109	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML042-3DA042001	3	-1	88070951	148						
1110	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML042-3DA042001	3	-2	88070951	158						
1006	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML042-3DA042002	3	-3	88070951	147						
1007	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML042-3DA042005	3	-4	88070951	145						
1008	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML042-3DA042006	3	-5	88070951	154						
09	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML042-3DA042006	3	-6	88070951	162						
02	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404	09/08/78	0	3	S32420ML042-3DA042007	3	-7	88070951							
914	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML042-3DA042008	3	-8	88070951	141						
915	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML042-3DA042008	3	-9	88070951	134*					3-2137	
1136	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML042-1TEM 13	3	-10	88070951	138						
1190	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML049-3DA049001	3									
897	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML049-3DA049007	3	-1	88071033	132*					3-2138	
908	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML049-3DA049008	3	-2	88071033	137						
909	SO3DAS	C	3.00	FLG	150.0	FFWN	105	N/A	40	W	T415	09/08/78	0	3	S32420ML049-3DA049008	3	-3	88071033	129*					3-2138	
920	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256	03/13/79	0	3	S32420ML054-3DA054001	3	-1	88061034	134*					3-2143	

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	T	M	O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
1132	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML054-3DA054005	-2			88071034	163				
1010	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML054-3DA054006	-3			88061034	160				
1011	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML054-3DA054006	-4			88071034	152				
1012	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML055-3DA055001	-1			88071035	157				
1013	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML055-3DA055001	-2			88071035	154				
1014	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML055-3DA055002	-3			88071035	147				
1015	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML055-3DA055005	-4			88071035	149				
1023	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML055-3DA055006	-6			88071035	143				
1204	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML055-3DA055006	-7			88071035	149				
911	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	H908701		09/08/78	0		3	S32420ML055-3DA055007	-8			88071035	126*			3-2149	
1016	SO3DAS	C	8.00	FLG	150.0	FFWN	105	N/A	40	W	A11404		09/08/78	0		3	S32420ML055-3DA055007	-5			88071035	149				
918	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256		03/13/79	0		3	S32420ML055-3DA055008	-9			88071035	136*			3-2149	
919	SO3DAS	C	6.00	FLG	150.0	FFWN	105	N/A	40	W	T1256		03/13/79	0		3	S32420ML055-3DA055008	-10			88071035	138				
1137	SO3FOS	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T1830		05/04/79	0		3	S32421ML017-1TEM 12					0				
1059	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML018-3F0018001	-1			88071038	133*			3-2157	
1236	SO3FOS	A	2.00	FLG	600.0	RFWN	105	N/A	80	W	COP		03/04/86	0		3	S32421ML018-1TEM 36					0				
1237	SO3FOS	A	2.00	FLG	600.0	RFWN	105	N/A	80	W	COP		03/04/86	0		3	S32421ML018-1TEM 37					0				
1055	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML020-3F0020001	-1			88071039	143.5				
1191	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML022-1TEM 5					0				
722	SO3FOS	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	04224		12/04/80	0		3	S32421ML023					0				
1049	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML023-3F0023001	-1			88071377	151				
1053	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML023-3F0023002	-2			88071377	124.5*			3-2158	
951	SO3FOS	C	3.00	FLG	150.0	RFBL	105	N/A	N/A	W	T415		09/08/78	0		3	S32421ML023-3F0023003	-3			88071377	134*			3-2158	
1138	SO3FOS	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T1830		05/04/79	0		3	S32421ML026-1TEM 12					0				
1072	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML027-3F0027001					0				
1234	SO3FOS	A	2.00	FLG	600.0	RFWN	105	N/A	80	W	COP		03/04/86	0		3	S32421ML027-1TEM 14					0				
1235	SO3FOS	A	2.00	FLG	600.0	RFWN	105	N/A	80	W	COP		03/04/86	0		3	S32421ML027-1TEM 15					0				
1277	SO3FOS	A	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML029-3F0029001					0				
1054	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML031-3F0031002	-1			88071084	146				
723	SO3FOS	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	04224		12/04/80	0		3	S32421ML032	-1			88071085	153.5				
953	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML032-3F0032001	-2			88071085	150.5				
1052	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML032-3F0032002	-3			88071085	146				
950	SO3FOS	C	3.00	FLG	150.0	RFBL	105	N/A	N/A	W	T415		09/08/78	0		3	S32421ML032-3F0032003	-4			88071085	136*			3-2177	
952	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/08/78	0		3	S32421ML066-3F0066007	-1			88071086	147				

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT LOT	DATE	QUANTITY	SOURCE	ASME LINE	TEST M O NUMBER	T-HARD KSI	CONV	NCR NUMBER	
1193	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML066-3F0066008	-2	88071086	155	
1195	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML066-3F0066008	-3	88071086	148	
1058	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	04/09/78	0	3	S32421ML066-3F0066009	-6	88071086	151	
1051	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML066-3F0066010	-5	88071086	161	
1057	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML068-3F0068005	-1	88071376	148	
1050	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML068-3F0068006	-2	88071376	147	
1196	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML068-3F0068006	-4	88071376	150.5	
1196	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML068-3F0068007	-3	88071376	146	
1194	SO3FOS	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/08/78	0	3	S32421ML068-ITEM 19	-5	88071376	136*	3-2176
1160	SOACCW	C	10.00	FLG	150.0	RFWN	105	N/A	40	W	T4205	01/21/77	0	3	SA1203ML305-ACC305002			0	
1178	SOACCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266	01/21/77	0	3	SA1203ML305-ACC305002	-2	88071088	144	
811	SOACCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266	02/09/77	0	3	SA1203ML305-ITEM 28	-1	88071088	128*	G-879
1179	SOACCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266	01/21/77	0	3	SA1203ML307-ACC307001			0	
1295	SOACCW	A	10.00	FLG	150.0	RFWN	105	N/A	40	W	HJ	10/21/76	0	3	SA1203ML307-ACC307001			0	
1180	SOACCW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266	01/21/77	0	3	SA1203ML307-ACC307002			0	
596	SOACHW	C	6.00	FLG	300.0	RFWN	105	N/A	40	W	M964301	09/23/77	0	3	SA1513ML070-ACH070010	-1	88071121	141	
597	SOACHW	C	6.00	FLG	300.0	RFWN	105	N/A	40	W	M964301	09/23/77	0	3	SA1513ML073-ACH073001	-1	88071305	133*	
807	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266	02/09/77	0	3	SA1513ML073-ACH073004	-2	88071114	132*	G-878
808	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266	02/09/77	0	3	SA1513ML073-ACH073004	-3	88071114	134*	G-878
810	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266	02/09/77	0	3	SA1513ML073-ITEM 25	-1	88071114	134*	G-878
856	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML076-ACH076004	-1	88071123	138	
857	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML076-ACH076005	-2	88071123	150	
858	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML076-ACH076005	-3	88071123	146	
859	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML077-ACH077004	-3	88071125	142	
860	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML077-ACH077005	-1	88071125	129*	G-875
861	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML077-ACH077005	-2	88071125	130*	G-875
963	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML081-ITEM 6	-1	88071126	144	
1077	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	SA1513ML093-ITEM 38	-1	88071128	128*	G-891
1078	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	SA1513ML126-ITEM 36	-1	88071130	122*	G-890
1079	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696	11/01/76	0	3	SA1513ML131-ITEM 2	-1	88061132	134*	G-889
866	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML132-ACH132027	-3	88071134	138	
854	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML132-ACH132028	-4	88071134	148	
855	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902	02/09/77	0	3	SA1513ML132-ACH132028	-5	88071134	140	
823	SOACHW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415	09/23/77	0	3	SA1513ML132-ITEM 2	-1	88071134	147	

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER	
824	SOACHW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		09/23/77	0		3	SA1513ML132-ITEM 5	-2	88061134	214**						
862	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML137-ACH137025		88071212	143						
863	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML137-ACH137026		88071212	158						
864	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML137-ACH137026		88071212	148						
825	SOACHW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/23/77	0		3	SA1513ML137-ITEM 1 S/1	-4	88071210	151						
826	SOACHW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	T415		09/23/77	0		3	SA1513ML137-ITEM 5 S/2	-5	88071210	160						
1273	SOACHW	A	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		2/9/77	0		3	SA1513ML144-ACC144008	-2	88071213	153						
1065	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696		11/01/76	0		3	SA1513ML144-ACH144009	-1	88071213	140						
1068	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696		11/01/76	0		3	SA1513ML149-ACH149001	-1	88071215	156						
1275	SOACHW	A	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		2/9/77	0		3	SA1513ML149-ACH149002	-2	88071215	147						
601	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642		02/09/77	0		3	SA1513ML180-ITEM 1B	-1	88071218	165						
602	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642		02/09/77	0		3	SA1513ML180-ITEM 19	-2	88071218	152						
603	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642		02/09/77	0		3	SA1513ML180-ITEM 3B	-3	88071218	181						
600	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	T097642		02/09/77	0		3	SA1513ML185-ACH185007	-1	88071219	173						
867	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML192-ACH192007	-1	88071221	141						
865	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML192-ACH192008	-1	88071221	143						
868	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML197-ACH197007	-1	88071222	151						
869	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML197-ACH197008	-2	88071222	144						
1066	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T4298		10/21/76	0		3	SA1513ML227-ACH227007	-1	88071115	145						
800	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML227-ACH227008	-2	88061115	140						
801	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML227-ACH227008	-3	88071115	136*					G-886	
598	SOACHW	C	6.00	FLG	300.0	RFWN	105	N/A	40	W	M964301		09/23/77	0		3	SA1513ML239-ACH239005	-1	88071223	139						
802	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML242-ACH242004	-1	88071119	139						
809	SOACHW	C	6.00	FLG	300.0	RFWN	105	N/A	40	W	M964301		09/23/77	0		3	SA1513ML242-ACH242006	-1	88061378	134*					G-882	
803	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML242-ACH242007	-3	88071119	130*					G-888	
804	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML242-ACH242007	-2	88071119	128*					G-888	
805	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML244-ACH244005	-1	88071120	129.5*					G-L876	
806	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML244-ACH244005	-2	88071120	140						
1067	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T4298		10/21/76	0		3	SA1513ML244-ACH244008									
1073	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696		11/01/76	0		3	SA1513ML271-ITEM 8	-1	88061224	129*						
1074	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4696		11/01/76	0		3	SA1513ML276-ITEM 12	-1	88061226	154						
1142	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML277-ACH227008									
1143	SOACHW	C	8.00	FLG	150.0	RFWN	105	N/A	40	W	T30266		02/09/77	0		3	SA1513ML277-ACH227008									
874	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	T4902		02/09/77	0		3	SA1513ML325-ACH325023	-3	88071228	144						

NCR SONGS REPORT (BY LOCATION)

ITEM	PLANT	TRANS	DIAMETER	COMMODITY	RATING	TYPE	SPEC	GRADE	SCHEDULE	VENDOR	HEAT	LOT	DATE	QUANTITY	SOURCE	ASME	LINE	TEST	M O	NUMBER	T-HARD	KSI	CONV	NCR	NUMBER
875	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML325-ACH325024	-4	88061228	137					
876	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML325-ACH325024	-5	88061228	137					
820	SOACHW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	1415		09/23/77	0		3	SA1513ML325-ITEM 10	-2	88061227	217**					
719	SOACCW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	J4E		06/17/77	0		3	SA1513ML325-ITEM 6	-1	88061227	143.5					
873	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML330-ACH330023	-1	88071093	149					
871	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML330-ACH330024	-2	88071093	147.5					
872	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML330-ACH330024	-3	88071093	142					
821	SOACHW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	1415		09/23/77	0		3	SA1513ML330-ITEM 10	-1	88071089	150					
822	SOACHW	C	3.00	FLG	150.0	RFWN	105	N/A	40	W	1415		09/23/77	0		3	SA1513ML330-ITEM 14	-2	88071089	150					
852	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML331-ACH331008	-1	88071098	144					
1069	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		11/01/76	0		3	SA1513ML331-ACH331009	-2	88071098	162					
1070	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14696		11/01/76	0		3	SA1513ML336-ACH336001	-1	88071099	158					G-887
853	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML336-ACH336002	-2	88071099	132*					
877	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML367-ACH367004	-2	88071100	130*					G-883
1199	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML367-ACH367005	-1*	88071100	144					
1200	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML367-ACH367005	-3	88071100	146					
881	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML372-ACH372004	-1	88071102	144					
878	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML372-ACH372005	-2	88071102	142					
879	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML372-ACH372005	-3	88071102	146					
880	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML373-ACH373007	-1	88071106	144.5					
882	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML373-ACH373008	-2	88071106	140					
884	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML378-ACH378007	-1	88071108	144.5					
883	SOACHW	C	2.50	FLG	150.0	RFWN	105	N/A	40	W	14902		02/09/77	0		3	SA1513ML378-ACH378008	-2	88071108	145					
1071	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	14696		11/01/76	0		3	SA1513ML385-ACH385004	-3	88061110	143.5					
875	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	14696		11/01/76	0		3	SA1513ML385-ITEM 44	-1	88071110	159					
876	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	14696		11/01/76	0		3	SA1513ML385-ITEM 46	-2	88061110	171.5					
1120	SOACHW	C	4.00	FLG	150.0	RFWN	105	N/A	40	W	J61D		06/30/77	0		3	SA1513ML390-ACH390001	-1	88071112	148					