

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8303010129 DOC. DATE: 83/02/03 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME: BOUCHEY, G.D. AUTHOR AFFILIATION: Washington Public Power Supply System
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Transmits preservice insp drawings for scram discharge piping per NRC request. Boundary diagram & supply sys exam requirements for piping forwarded by 820922 ltr.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 7
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES:

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	NRR LB2 LA	1	0		AULUCK, R. 01	1	1
INTERNAL:	ELD/HDS2	1	0		IE FILE	1	1
	IE/DEP EPDS 35	1	1		IE/DEP/EPLB 36	3	3
	NRR/DE/AEAB	1	0		NRR/DE/CEB 11	1	1
	NRR/DE/EOB 13	2	2		NRR/DE/GB 28	2	2
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	NRR/DE/MTEB 17	1	1		NRR/DE/QAB 21	1	1
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	NRR/DHFS/HFEB40	1	1		NRR/DHFS/LQB 32	1	1
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	NRR/DSI/ASB	1	1		NRR/DSI/CPB 10	1	1
	NRR/DSI/CSB 09	1	1		NRR/DSI/ICSB 16	1	1
	NRR/DSI/METB 12	1	1		NRR/DSI/PSB 19	1	1
	NRR/DSI/RAB 22	1	1		NRR/DSI/RSB 23	1	1
	REG FILE 04	1	1		RGNS	3	3
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EXTERNAL:	ACRS 41	6	6		BNL (AMDTS ONLY)	1	1
	DMB/DSS (AMDTS)	1	1		FEMA-REP DIV 39	1	1
	LPDR 03	1	1		NRC PDR 02	1	1
	NSIC 05	1	1		NTIS	1	1

[illegible]

1. 1990年12月，在“中国改革二十年”国际学术研讨会上，与会者普遍认为，中国改革的成功，关键在于实行了改革开放政策。

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

February 3, 1983
G02-83-089

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2
PRESERVICE INSPECTION PROGRAM
SCRAM DISCHARGE SYSTEM

Reference: G02-82-801, G.D. Bouchey (SS) to A. Schwencer
(NRC), Same Subject, dated September 22, 1982

This letter transmits the preservice inspection drawings for the Scram Discharge piping as requested by Mr. Martin Humm (MTEB).

The referenced letter transmitted the boundary diagram and the Supply System's examination requirements for this piping.

Very truly yours,



G. D. Bouchey
Manager, Nuclear Safety and Regulatory Programs

DPR/jca
Attachments (6)

cc: R Auluck - NRC
WS Chin - BPA
M Humm - NRC
A Toth - NRC Site

Boo

8303010129 830203
PDR ADOCK 05000397
Q PDR

1944

NOTES:

1. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO A VISUAL EXAM FOR EVIDENCE OF LEAKAGE DURING SYSTEM HYDRO OR OPERABILITY TESTS. TESTS ARE TO BE CONDUCTED PER THE REQUIREMENTS OF ASME SECTION XI, PARAGRAPH 11A-5000.
2. FOR BRANCH PIPING 4" NOM. OR LESS CONNECTION SHOWN IN DASHED LINES EXTEND VISUAL LEAKAGE EXAM THROUGH THE OUTERMOST NORMALLY CLOSED NUCLEAR CLASS VALVE, OR UNTIL TRANSITION TO INSTRUMENT TUBING, UNLESS OTHERWISE NOTED.

REFERENCES:

151 - 278
 GENERAL ELECTRIC DMS
 SK-X01-75C-02 SH 22 REV 0
 SK-X01-75C-02 SH 29 REV 0
 SK-X01-75C-02 SH 30 REV 0
 SK-X01-75C-02 SH 31 REV 0
 SK-X01-75C-02 SH 32 REV 0

QUALITY CLASS. 1 • ASME CODE CLASS. 2
 ENGR. E. H. J. GREGG | DRAWN, E. H. J. GREGG | DATE, 12-23-82

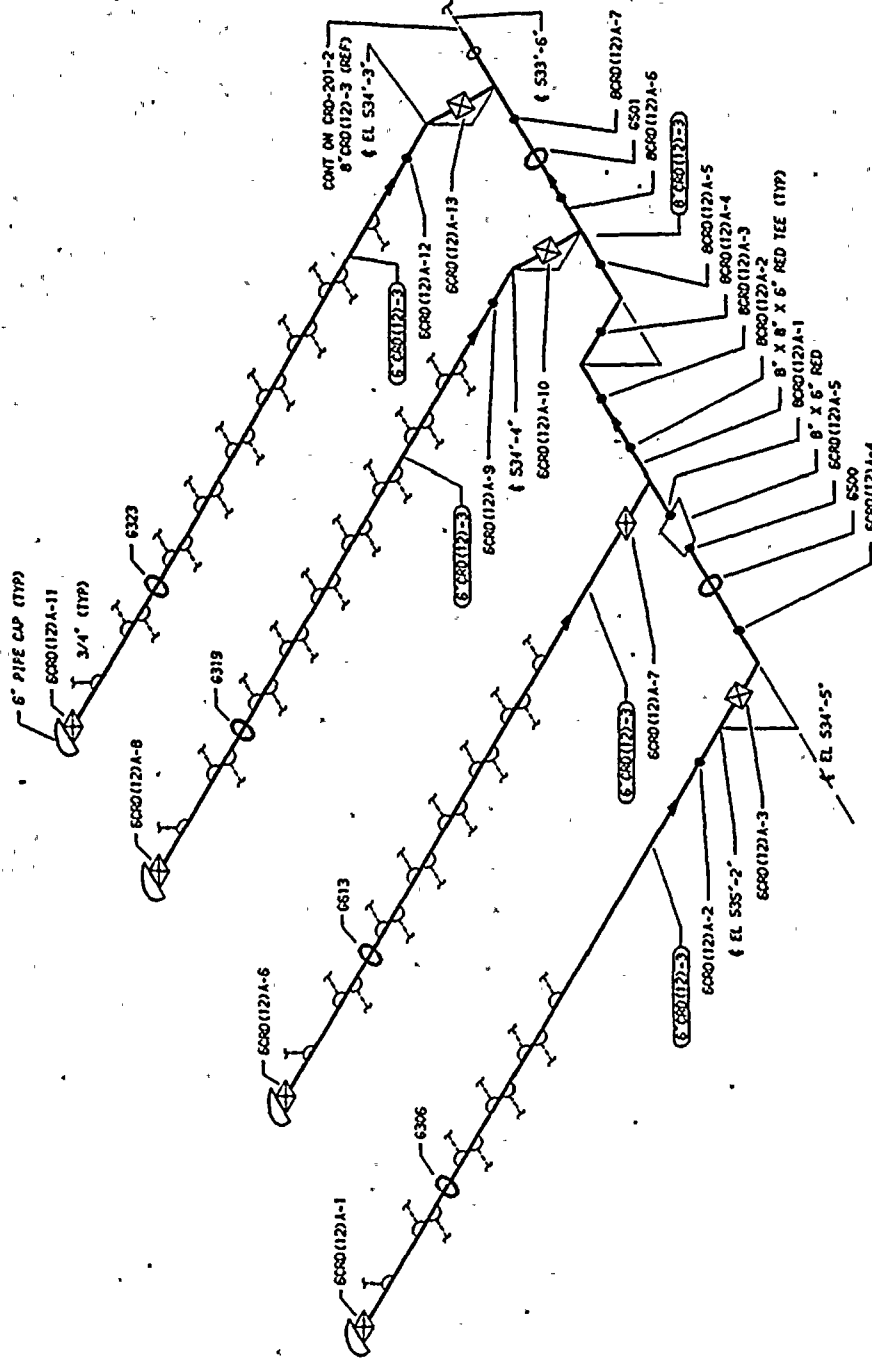
WASHINGTON PUBLIC POWER
 SUPPLY SYSTEM
 RICHLAND, WASHINGTON 99352

WNP-2
 WELD & COMPONENT
 IDENTIFICATION DRAWING

TITLE:
 CONTROL ROD DRIVE SYSTEM
 SCRAM DISCHARGE HEADER A

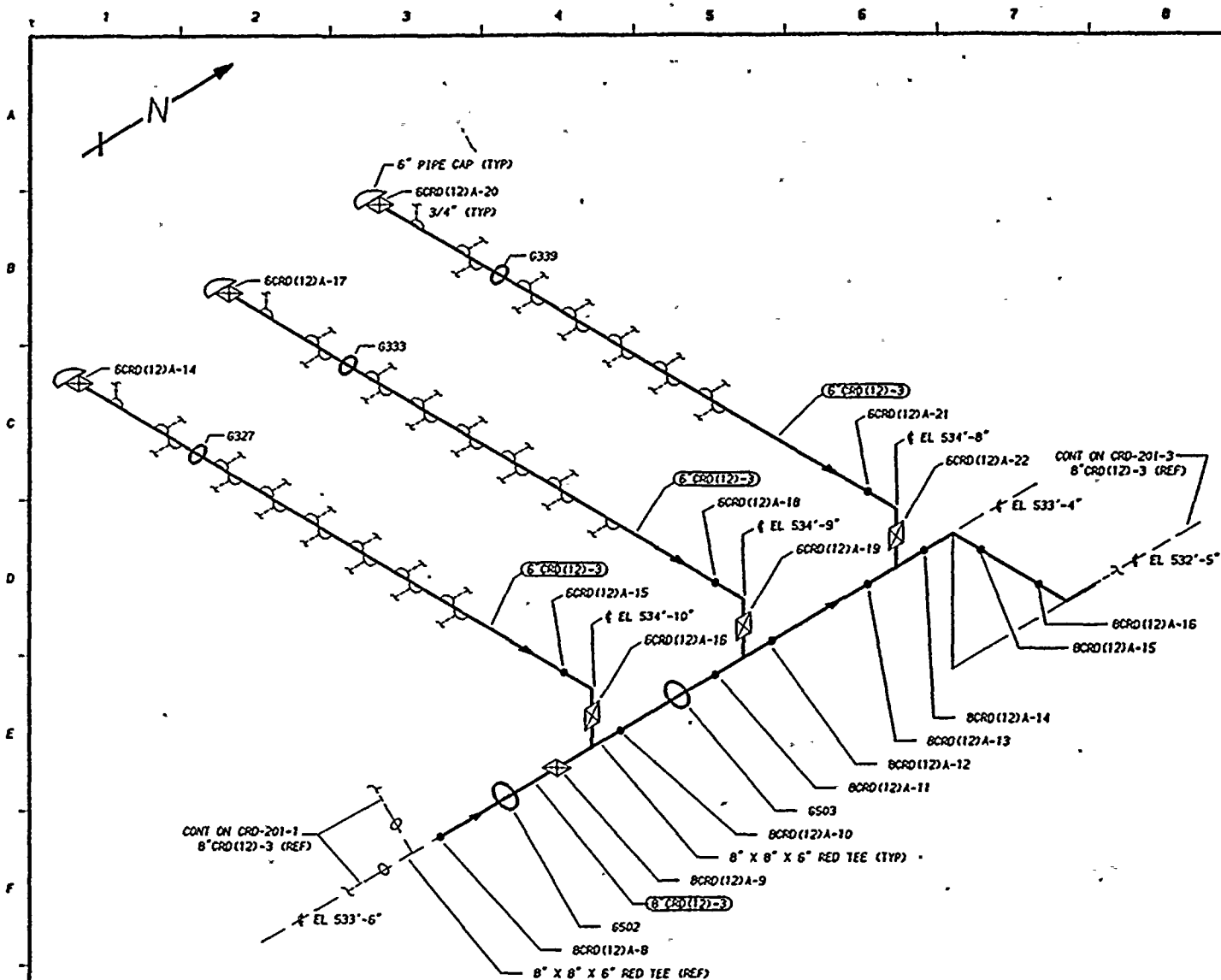
DWG NO. CRD-201-1
 REV 0

THIS DRAWING IS INTENDED FOR
 USE IN PRESERVICE AND INSERVICE
 INSPECTIONS PROGRAMS ONLY.



PIPING SYSTEM	NOT DIA (IN)	SCH	NOT WALL THK	MATERIAL SPECIFICATION	MATL TYPE	CAL BLOCK NO
6" C00(12)-3	6	80	0.500	SA 106 GR B	CS	XXXX
6" C00(12)-3	6	80	0.432	SA 106 GR B	CS	XXXX

NO	DATE	ISSUED FOR USE	REVISION	BY	CHKD	APVD
0	12/23/82					



NOTES:

1. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO A VISUAL EXAM FOR EVIDENCE OF LEAKAGE DURING SYSTEM HYDRO OR OPERABILITY TESTS. TESTS ARE TO BE CONDUCTED PER THE REQUIREMENTS OF ASME SECTION XI, PARAGRAPH 1WA-5000.
2. FOR BRANCH PIPING 4" NOM. OR LESS (CONNECTION SHOWN IN DASHED LINES) EXTEND VISUAL LEAKAGE EXAM THROUGH THE OUTERMOST NORMALLY CLOSED NUCLEAR CLASS VALVE, OR UNTIL TRANSITION TO INSTRUMENT TUBING, UNLESS OTHERWISE NOTED.

REFERENCES:

ISI - 228

GENERAL ELECTRIC DWGS

SK-X01-75C-02 SH 22 REV 0
SK-X01-75C-02 SH 23 REV 0
SK-X01-75C-02 SH 33 REV 0
SK-X01-75C-02 SH 34 REV 0
SK-X01-75C-02 SH 35 REV 0

QUALITY CLASS, 1	ASME CODE CLASS, 2
ENGR, K-McANDREW	DRAWN, K-McA DATE, 12-23-82

WASHINGTON PUBLIC POWER
SUPPLY SYSTEM
RICHLAND, WASHINGTON 99352

THIS DRAWING IS INTENDED FOR
USE IN PRESERVICE AND INSERVICE
INSPECTIONS PROGRAMS ONLY.

PIPING SYSTEM	NOM DIA (IN)	SCH	NOM WALL THK	MATERIAL SPECIFICATION	MATL TYPE	CAL BLOCK NO
8"CRD(12)-3	8	80	0.500	SA 106 GR B	CS	XXXX
6"CRD(12)-3	6	80	0.432	SA 106 GR B	CS	XXXX

WNP-2
WELD & COMPONENT
IDENTIFICATION DRAWING

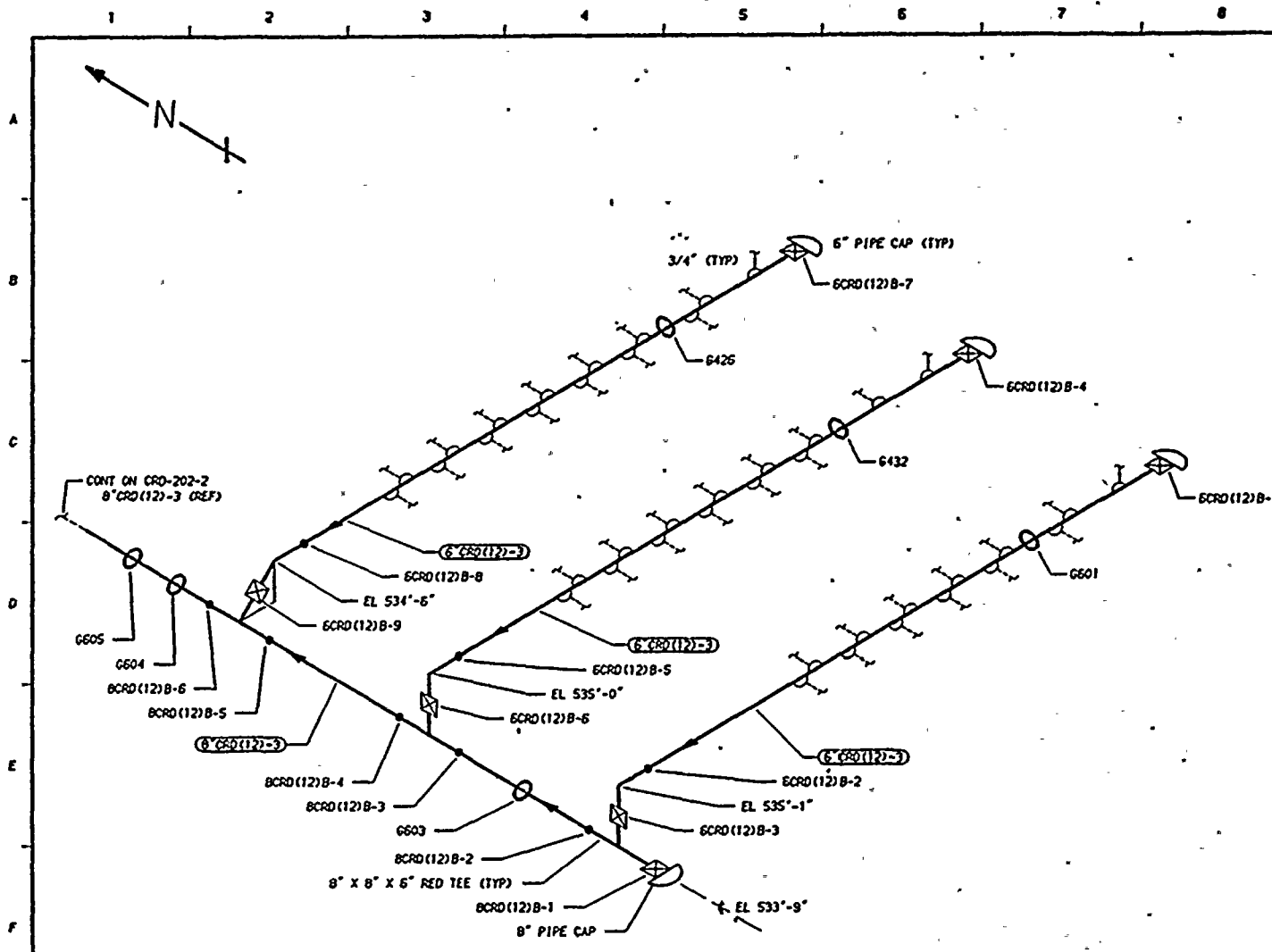
TITLE:

CONTROL ROD DRIVE SYSTEM
SCRAM DISCHARGE HEADER A

DWG NO: CRD-201-2

REV 0

0	1-22-82	ISSUED FOR USE	BY	CHKD	APVD
NO	DATE	REVISION	BY	CHKD	APVD



- NOTES:**
1. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO A VISUAL EXAM FOR EVIDENCE OF LEAKAGE DURING SYSTEM HYDRO OR OPERABILITY TESTS. TESTS ARE TO BE CONDUCTED PER THE REQUIREMENTS OF ASME SECTION XI, PARAGRAPH IVA-5000.
 2. FOR BRANCH PIPING 4" NOM. OR LESS (CONNECTION SHOWN IN DASHED LINES) EXTEND VISUAL LEAKAGE EXAM THROUGH THE OUTERMOST NORMALLY CLOSED NUCLEAR CLASS VALVE, OR UNTIL TRANSITION TO INSTRUMENT TUBING, (UNLESS OTHERWISE NOTED).

REFERENCES:

151 - 228

GENERAL ELECTRIC DWGS

SK-X01-75C-02 SH 28 REV 0

SK-X01-75C-02 SH 42 REV 0

SK-X01-75C-02 SH 41 REV 0

SK-X01-75C-02 SH 40 REV 0

QUALITY CLASS, 1	ASME CODE CLASS, 2
ENGR: K-McANDREW	DRAWN: K-McA DATE: 12-26-82

WASHINGTON PUBLIC POWER
SUPPLY SYSTEM
RICHLAND, WASHINGTON 99352

THIS DRAWING IS INTENDED FOR
USE IN PRESERVICE AND INSERVICE
INSPECTIONS PROGRAMS ONLY.

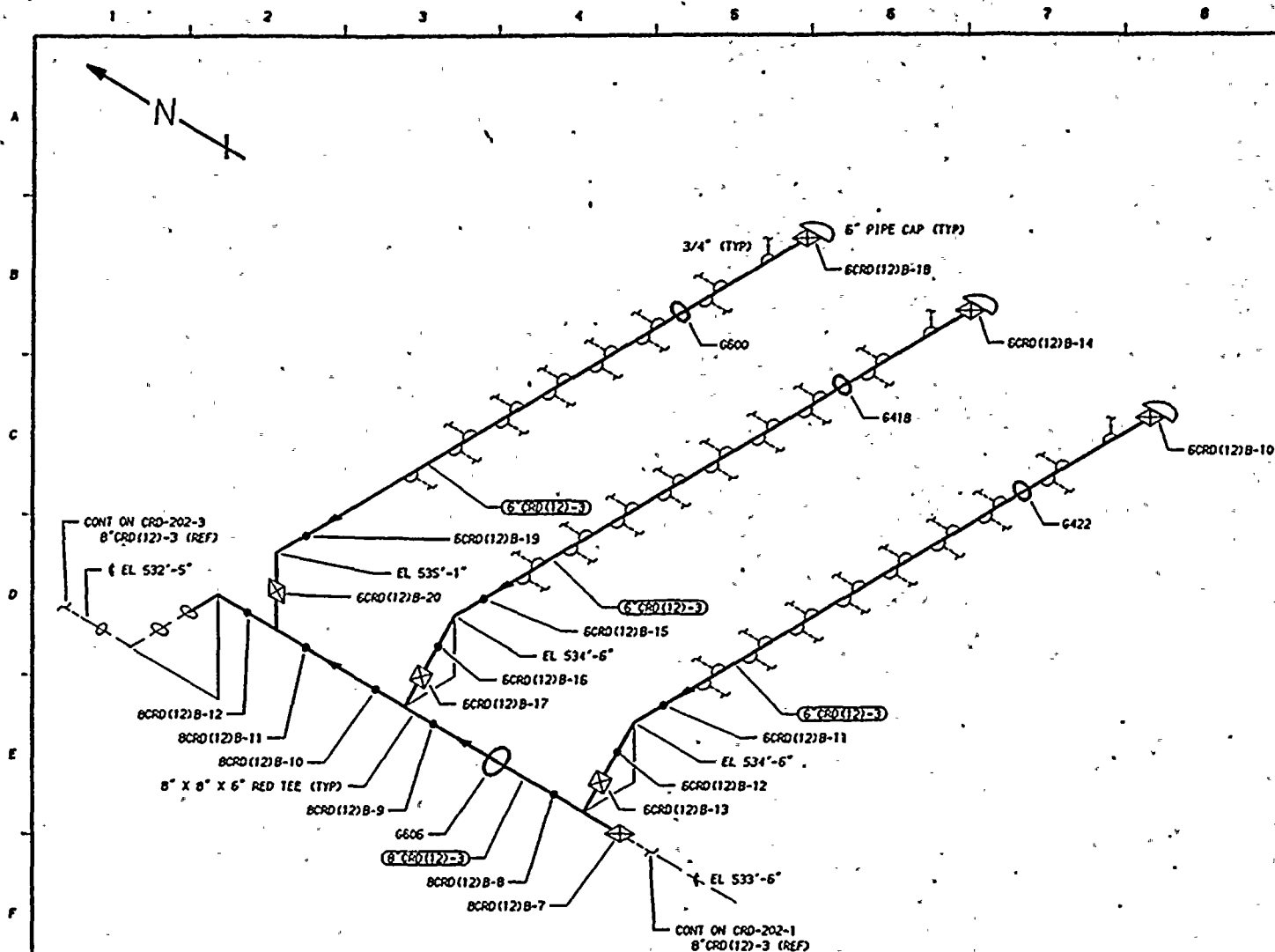
PIPING SYSTEM	NOM DIA (INO)	SCH	NOM WALL THK	MATERIAL SPECIFICATION	MATL TYPE	CAL BLOCK NO
8"CRD(12)-3	8	80	0.500	SA 106 GR B	CS	XXXX
6"CRD(12)-3	6	80	0.432	SA 106 GR B	CS	XXXX

WNP-2
WELD & COMPONENT
IDENTIFICATION DRAWING

TITLE: CONTROL ROD DRIVE SYSTEM
SCRAM DISCHARGE HEADER B

DWG NO: CRD-202-1 REV 0

0	1-28-82	ISSUED FOR USE			
NO	DATE	REVISION	BY	CHKD	APVD



NOTES:

1. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO A VISUAL EXAM FOR EVIDENCE OF LEAKAGE DURING SYSTEM HYDRO OR OPERABILITY TESTS. TESTS ARE TO BE CONDUCTED PER THE REQUIREMENTS OF ASME SECTION XI, PARAGRAPH IWA-5000.
2. FOR BRANCH PIPING 4" NOM. OR LESS (CONNECTION SHOWN IN DASHED LINES) EXTEND VISUAL LEAKAGE EXAM THROUGH THE OUTERMOST NORMALLY CLOSED NUCLEAR CLASS VALVE, OR UNTIL TRANSITION TO INSTRUMENT TUBING, UNLESS OTHERWISE NOTED.

REFERENCES:

151 - 228

GENERAL ELECTRIC DWGS.

SK-X01-75C-02 SH 27 REV 0

SK-X01-75C-02 SH 39 REV 0

SK-X01-75C-02 SH 38 REV 0

SK-X01-75C-02 SH 37 REV 0

QUALITY CLASS, 1	ASME CODE CLASS, 2
ENGR, K-McANDREW	DRAWN, K-McA DATE, 12-26-82

WASHINGTON PUBLIC POWER
SUPPLY SYSTEM
RICHLAND, WASHINGTON 99352

THIS DRAWING IS INTENDED FOR
USE IN PRESERVICE AND INSERVICE
INSPECTIONS PROGRAMS ONLY.

PIPING SYSTEM	NOM DIA (INO)	SCH	NOM WALL THK	MATERIAL SPECIFICATION	MATL TYPE	CAL BLOCK NO
8" CRD(12)-3	8	80	0.500	SA 106 GR B	CS	XXXX
6" CRD(12)-3	6	80	0.432	SA 106 GR B	CS	XXXX

WNP-2
WELD & COMPONENT
IDENTIFICATION DRAWING

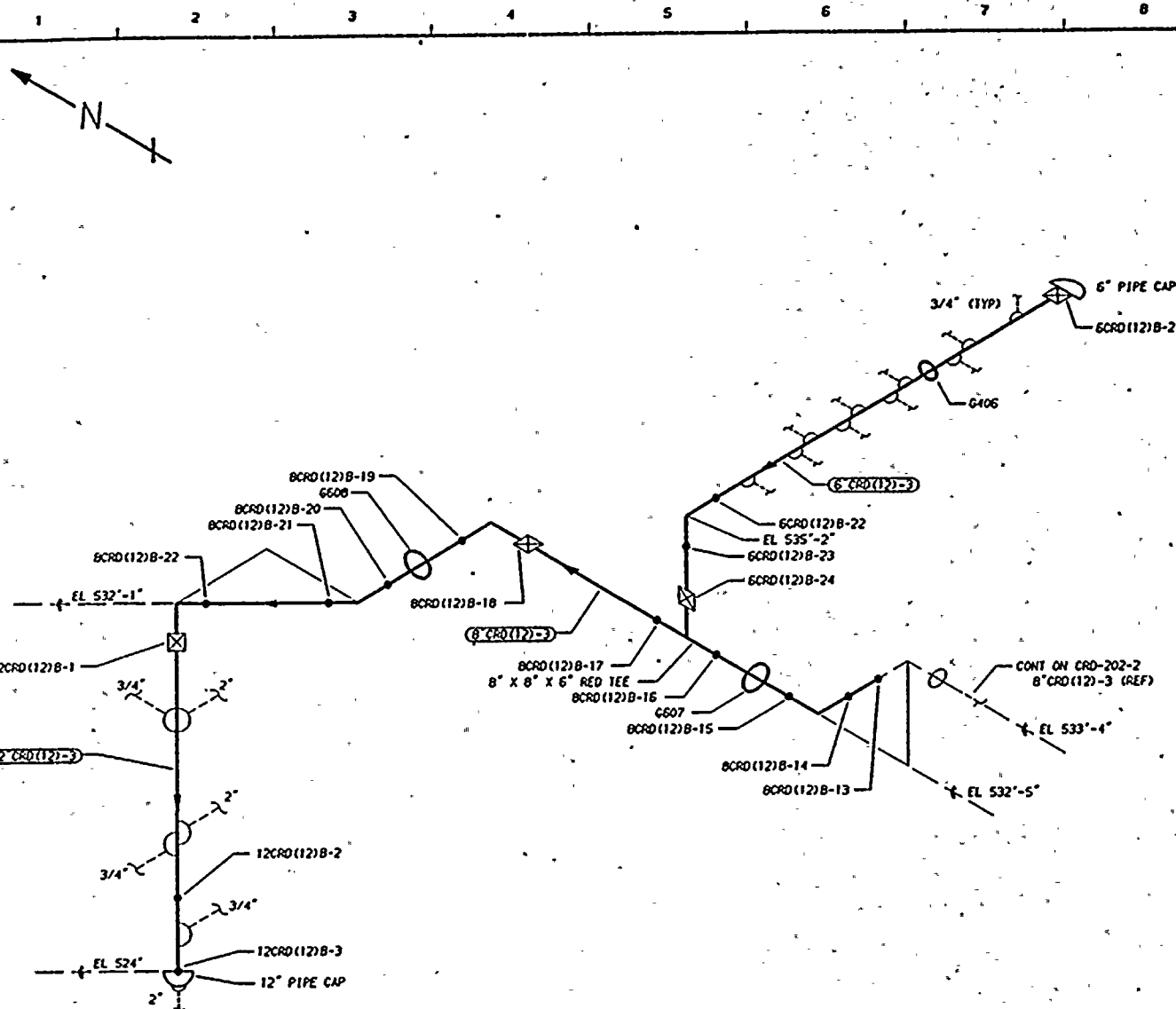
TITLE:

CONTROL ROD DRIVE SYSTEM
SCRAM DISCHARGE HEADER B

DWG NO, CRD-202-2

REV 0

0	4-83	ISSUED FOR USE	BY	CHKD	APVD
NO	DATE	REVISION			



NOTES:

1. THIS DRAWING IDENTIFIES PIPING AND COMPONENTS SUBJECT TO A VISUAL EXAM FOR EVIDENCE OF LEAKAGE DURING SYSTEM HYDRO OR OPERABILITY TESTS. TESTS ARE TO BE CONDUCTED PER THE REQUIREMENTS OF ASME SECTION XI, PARAGRAPH 1HA-5000.
2. FOR BRANCH PIPING 4" NOM. OR LESS (CONNECTION SHOWN IN DASHED LINES) EXTEND VISUAL LEAKAGE EXAM THROUGH THE OUTERMOST NORMALLY CLOSED NUCLEAR CLASS VALVE, OR UNTIL TRANSITION TO INSTRUMENT TUBING, UNLESS OTHERWISE NOTED.

REFERENCES:

ISI - 228

GENERAL ELECTRIC DWGS

SK-X01-75C-02 SH 27 REV 0
SK-X01-75C-02 SH 36 REV 0
SK-X01-75C-02 SH 26 REV 0
SK-X01-75C-02 SH 25 REV 0

BURNS AND ROE DWGS

CRD-1001-1 REV 0
CRD-1002-1 REV 0

QUALITY CLASS, 1 ASME CODE CLASS, 2
ENGR, K-McANDREW DRAWN, K-McA DATE, 12-26-82

WASHINGTON PUBLIC POWER
SUPPLY SYSTEM
RICHLAND, WASHINGTON 99352

THIS DRAWING IS INTENDED FOR
USE IN PRESERVICE AND INSERVICE
INSPECTIONS PROGRAMS ONLY.

PIPING SYSTEM	NOM DIA (IN)	SCH	NOM WALL THK	MATERIAL SPECIFICATION	MATL TYPE	CAL BLOCK NO
8"CRD(12)-3	8	80	0.500	SA 106 GR B	CS	NA
6"CRD(12)-3	6	80	0.432	SA 106 GR B	CS	NA
12"CRD(12)-3	12	80	0.688	SA 333 GR E	CS	NA

WNP-2
WELD & COMPONENT
IDENTIFICATION DRAWING

TITLE:
CONTROL ROD DRIVE SYSTEM
SCRAM DISCHARGE HEADER B

DWG NO, CRD-202-3

REV 0

Q	1-26-82	ISSUED FOR USE	BY	CHKD	APVD
NO	DATE	REVISION	BY	CHKD	APVD