Appendix C

Daily Construction Log Excerpts

Appendix C

Daily Construction Log Excerpts

EXXON Nuclear Idaho Company, Inc. (ENICO) Daily Construction Log Excerpts from Project: UREP SS Phase II, Contract No: S-2247

July 8 through 12 1985

July 22 through 25 1985

July 29, 1985

August 16, 1985

August 19, 1985

Note: INTEC (formerly ICPP) was operated by Westinghouse Idaho Nuclear Co., Inc. (WINCO) from 1984 through 1994. EXXON was the contractor prior to WINCO, the forms used for the Daily Construction Log were surplus ENICO forms.

FORM ENICO-5747 (Rev. 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: Mostly Sunshine ICPP Plant Contract No. S-2247

Temperature: High ____ Low ____ UREP SS Phase II Date 7-8 thru 7-12-

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
None						
TOTAL						

Progress Highlights: No work done on project this week.
Priest Elec. attended a construction meeting 7-11-85 to discuss the removal of the PCB/radioactive contaminated gravel and XFR pad.

Remarks: None

Accidents: None

Visitors: None

Signed [signature]

NP
RECEIVED
JUL 1 6 1985
LINE ITEM PROJECTS
Proj: UREP-18
File Code: 8.15
Approved for Central File
☐ Yes
☐ No
Copies To:

FORM ENICO-5747 (Rev. 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: Sunshine ICPP Plant Contract No. S-2247

Temperature: High ____ Low ____ UREP SS Phase II Date 7-25-85

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
Priest Elec.		Electrician	1		1	2
M-K		Gen. Foreman	1			1
		Crane Operator			1	1
		Riggdr			1	1
		Teamster			1	1
		Laborer			1	1
TOTAL			2		5	7

Progress Highlights: M-K here with crane to move pad. Could not lift pad due to soil between foundation walls. Removed a section of east fence so dirt could be removed with backhoe. After dirt removal the pad was lifted onto a truck. It was unloaded and wrapped in Visqueen west of CPP-663.

Priest Elec. reinstalled fence and continued with excavation.

~~Remarks~~:

Accidents: None

Visitors: None

Signed R. J. Hull

FORM ENICO-5747 (Rev. 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: Sunshine ICPP Plant Contract No. S-2247

Temperature: High ____ Low ____ UREP SS Phase II Date 7-24-85

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
Priest Electric		Electrician	1		1	2
TOTAL			1		1	2

Progress Highlights: Continued excavation on east side of pad. Down to depth required for new pad. Removed top 6" of soil from north and west side of pad and stock piled in a separate pile. Dug down to bottom of footings on north and west side of pad.

Remarks: Priest Elec. worked to 1730 hrs tonight preparing for Crane arrival tomorrow.

Accidents: None

Visitors: None

Signed R. J. Sult

FORM ENICO-5747 (Rev. 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: A.M. - Rain P.M. Sunshine ICPP Plant Contract No. S-2247

Temperature: High ____ Low ____ URFP SS Phase II Date 7-23-85

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
Priest Electric.		Electrician	1		1	2
TOTAL			1		1	2

Progress Highlights: Continued excavation on east side of XFR pad. Only excavated a 1' depth today from approx 42" to 54". Stockpiled dirt north of CPP-613.

Remarks: Receive approval from Security to use area north of CPP-613 and east of CPP-651 to stockpile dirt. M-K plan to bring 75 T. Crane from central to remove the pad Thursday.

Accidents: None

Visitors: None

Signed R. J. Dull

FORM ENICO-5747 (Rev. 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: Sun line ICPP Plant Contract No. S-2247

Temperature: High ____ Low ____ UREP SS Phase II Date 7-22-85

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
Priest Electric		Electrician	1		1	2
TOTAL			1		1	2

Progress Highlights: Continued excavation on east side of XFR pad and moving and piling the dirt outside the XFR yard. Excavatic is slow as each backhoe shovel full must be moved from the hole to the stockpile outside the fence. Segregating piles for each 1' depth of excavation.

Remarks: None

Accidents: None

Visitors: None

Signed G. J. Hulle

FORM ENICO-5747 (Rev. 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: Rain Early Morning Clearing + Later ICPP Plant Contract No. S-2247

Temperature: High 90+ Low 45 UREP SS Phase II Date 7-29-85

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
PRIEST ELECTRIC		ELECTRICAL	1		2	3
TOTAL						

Progress Highlights: N+I's would not let Priest Electric remove any of the dirt from transformer pad hole until they had an analysis report back from the material at the lowest point of excavation. Changed there mind about noon & let them remove any of the loose material in hole and stack it but not to dig any deeper. Should have report back by late this afternoon or early Tuesday 7-30-85 morning.

Remarks:

Accidents:

Visitors:

Signed R.H. Bailey

FORM ENICO-5747 (Rev 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: Sunshine ICPP Plant Contract No. S-2247

Temperature: High ____ Low ____ UREP SS Phase II Date 8-16-85

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
Priest Electric		Electrician	1		1	2
C&H Const.		Carpenters	1		1	2
TOTAL			2		2	4

Progress Highlights: Carpenters removed forms from transformer pad. N&IS say all the soil removed during excavation is acceptable to be used for backfill. Should start backfilling Monday.

The Westinghouse splice kits for the bus bars in the substation switchgear need to be modified. The splice plates are wider than the bus bars making it necessary to remove the bus insulation tubes cut them off and then [illegible] them. Priest worked approx. 4 manhours on this modification.

Remarks:

Accidents: None

Visitors: None

Signed G. J. Hult for Bob Bailey

CENTRAL FILE COPY

RECEIVED AUG 20 1985 LINE ITEM PROJECTS

Proj: UREP 18

File Code: 8.15

Approved for Central File

FORM ENICO-5747 (Rev. 10-79)

EXXON NUCLEAR IDAHO COMPANY, Inc.

DAILY CONSTRUCTION LOG

Weather: Sunshine ICPP Plant Contract No. S-2247

Temperature: High ____ Low ____ UREP SS Phase II Date 8-19-85

Contractors	FCO Worked on (Y) (N)	Class of Work	Supervision	Clerical	Crafts & Labor	Total
Priest Elec.		Electrician	1		1	2
TOTAL			1		1	2

Progress Highlights: Started backfilling and compaction around transformer pad.

Remarks: None

Accidents: None

Visitors: None

Signed [signature]

Appendix D

Calculation of Volume and Weight of Calcine Dissolved from VOG Line

Westinghouse Idaho Nuclear Company, Inc.
FORM WINCO 5734 (9-86)

CALCULATION SHEET

Job No. VOGLINE Prepared by: R. J. RUARD Date 3/21/94

Title CALCULATION OF VOLUME AND WEIGHT OF CALCINE DISSOLVED FROM VOGLINE

Checked by: _____ Date _____ Revised by: _____ Date _____

1 gallon = 3.785 l

SAMPLE NAME	VOLUME (gal)	VOLUME (l)	F (mg/l)	TOTAL F (gm)
AF-1	100	378.5	12,250	4637
AF-2	100	378.5	8,891	3365
AF-B1	60	227.1	4,256	967
B1	60	227.1	372	85
B-2	80	302.8	298.8	91
B-3	50	189.25	163.4	31
B-4	100	378.5	64.2	24
W-1	50	189.25	1549	293
W-2	50	189.25	707	134
W-3	50	189.25	338	64
W-4	50	189.25	510	97
W-5	50	189.25	38.6	7.
W-6	50	189.25	773	146
C-1	50	189.25	10,100	1911
D-4	80	302.8	3534	1070
E-1	50	189.25	693	131
E-2	50	189.25	308	58
E-3	50	189.25	56	11
E-4	50	189.25	19.5	4
TOTAL	1,180 gal			13126 gm

Westinghouse Idaho Nuclear Company, Inc.
FORM WINCO 5734 (9-88)

CALCULATION SHEET

Job No. VOG LINE Prepared by: R.J. RIVARD Date 3/21/94

Title CALCULATION OF VOLUME AND WEIGHT OF CALCINE DISSOLVED FROM VOG LINE

Checked by: _____ Date _____ Revised by: _____ Date _____

ASSUMING THAT THERE WAS NO FLOURIDE IN THE ANN, HNO_3 OR H_2O, the total amount of FLOURIDE DISSOLVED FROM CALCINE IN THE VOG LINE is 13,126 gm.

FROM BHO-12-93, "ESTIMATED Solution Concentrations from Dissolving Pilot Plant Calcine from 3"-VGN-100," ~~Appendix~~ ATTACHMENT 1, 25.18 wt% of the calcine from Run 15 was expected to be F, therefore:

$$13,126 \cdot 3.9714 = 52129 \text{ gm of Calcine}$$

$$\text{OR } 52.1 \text{ kg of calcine}$$

From BHO-12-93, Attachment 4:

CALCINE BULK DENSITY = 1.6 gm/cm^3

Volume of Calcine Dissolved: $\frac{52129}{1.6} = 32,580 \text{ cm}^3$

$1 \text{ ft}^3 = (30.48 \text{ cm})^3 = 28,317 \text{ cm}^3$

$\frac{32,580}{28,317} = 1.15 \text{ ft}^3$ of calcine dissolved