

**Commonwealth Edison**

One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

DMB

Sept. 5, 1985

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Mr. James G. Keppler
 Regional Administrator - Region III
 U. S. Nuclear Regulatory Commission
 799 Roosevelt Road
 Glen Ellyn, IL 60137

SUBJECT: Braidwood Station Units 1 and 2
 Braidwood Construction Assessment Program
 Monthly Meeting Minutes/Monthly Report
Docket No. 50-456 and 50-457

Dear Mr. Keppler:

The ninth open briefing on the status of the BCAP effort was provided to the NRC on June 25, 1985 at the NRC Region III offices in Glen Ellyn, Illinois. Forwarded herewith is a meeting summary including a copy of the visual-aid material used in the presentations.

Also forwarded herewith for your information is the BCAP Director's Progress Report for the month of July, 1985.

Please direct any questions relating to BCAP to Mike Wallace, Assistant Manager of Projects and the Braidwood Project Manager.

Very truly yours,

Anthony Miosi

Anthony D. Miosi
 Nuclear Licensing Administrator

Attachments

cc: NRC Resident Inspector - Braidwood
 NRC BCAP Inspector - Braidwood
 John Hansel - Evaluation Research Corporation
 Ninu Kaushal - Commonwealth Edison Company

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Meeting Summary
BCAP NRC/CECo/ERC Monthly Meeting
June 25, 1985 9:00 a.m.
Region III NRC Office
Glen Ellyn, Illinois

The meeting was opened with a brief statement by W. S. Little of the NRC Region III giving the purpose for the meeting, that is, to discuss BCAP, it's progress, and the Independent Expert Overview Group's (IEOG) review of the BCAP. Mr. Little also stated that upon completion of the presentation by CECO and the IEOG, the NRC would respond to questions from the public in attendance.

The following is the agenda utilized for the remainder of the meeting.

I. Introduction

Presented by the Braidwood Project Manager to provide the major topics of the presentation (see Enclosure 1).

II. BCAP Task Force

Presented by the BCAP Director to provide the BCAP achievements and results completed as of June 25, 1985 (see Enclosure 2).

III. Quality Assurance

Presented by the General Supervisor of Quality Assurance to describe the overview activities of the CECO BCAP QA group (see Enclosure 3).

IV. IEOG Progress Report

Presented by the Project Manager of the IEOG to describe the overview activities of the IEOG (see Enclosure 4).

Additional items discussed during the meeting are included in Enclosure 5. The attendance for the meeting is provided in Enclosure 6. The meeting adjourned at 10:30 a.m.

BRAIDWOOD CONSTRUCTION ASSESSMENT PROGRAM

(BCAP)

MONTHLY NRC STAFF BRIEFING

JUNE 25, 1985

I.	INTRODUCTION	MIKE WALLACE
II.	BCAP TASK FORCE	NINU KAUSHAL
III.	QUALITY ASSURANCE	NEIL SMITH
IV.	INDEPENDENT EXPERT OVERVIEW GROUP	JOHN HANSEL

BRAIDWOOD CONSTRUCTION ASSESSMENT PROGRAM (BCAP)

STATUS BRIEFING

PRESENTED TO

REGIONAL OFFICE -- REGION III

U.S. NUCLEAR REGULATORY COMMISSION

N. N. KAUSHAL
BCAP DIRECTOR
JUNE 25, 1985

(1029J)

OVERALL BCAP STATUS

CSR

- REINSPECTION/REVIEWS COMPLETED AS OF 6/24/85
- PROCESSING OF OBSERVATIONS SUBSTANTIALLY COMPLETED
- ANALYSIS OF THE RESULTS IN PROGRESS, COMPLETED FOR SEVERAL POPULATIONS

RPSR

- REVIEW OF ALL CONTRACTOR PROCEDURES COMPLETED AS OF 6/13/85
- PROCESSING OF OBSERVATIONS IN PROGRESS
- ANALYSIS OF THE RESULTS IN PROGRESS

RSCAP

- REVIEW COMPLETED FOR EIGHT OF THE NINE PROGRAMS
- REVIEW ON ONE REMAINING TO BE COMPLETED MID JULY

OVERALL

- REPORT WRITING IN PROGRESS

CSR REINSPECTION STATUS

CONSTRUCTION CATEGORY	EST. NUMBER OF ITEMS IN POPULATION	SAMPLE SIZE	ESTIMATED NUMBER OF DISCREPANCY REPORTS	NUMBER PROCESSED FOR DESIGN SIGNIFICANCE	STATUS
<u>CIVIL STRUCTURAL</u>					
Concrete Placements	1,300	80	80	54	
Structural Steel	10,800	123	153	150	
Masonry Walls	610	70	177	132	
Containment Liner	920	75	62	61	
<u>ELECTRICAL</u>					
Conduit	2,800	123	112	112	C
Cat. I Conduit Hangers	10,700	138	147	139	
Cables	2,700	122	107	89	
Cable Pans	900	90	99	90	
Cat. I Cable Pan Hangers	3,800	130	165	122	
Elec. Equip. Installation	1,800	138	200	31	
<u>HVAC/MECHANICAL</u>					
HVAC Duct	730	80	122	121	
HVAC Equip. Installation	110	60	45	44	
HVAC Duct Hangers	600	115	119	110	
HVAC Housing & Plenums Fab.	190	61	17	17	C
Mech. Equip. Field Fab.	10	10	36	27	
Mech. Equip. Installation	260	70	47	8	
Touch Up Galvanizing	730	80	15	15	C
NSSS Equip. Installations	540	70	14	0	
NSSS Supt. Verification	270	70	42	0	
<u>PIPING</u>					
S.B. Pipe Configuration	1,100	84	20	20	C
L.B. Pipe Supports (Rigid)	3,600	139	114	101	
L.B. Pipe Suppts (Non-Rigid)	340	73	55	53	
L.B. Pipe Configuration	350	70	63	58	
Piping System Bends	2,900	100	5	5	C
S.B. Pipe Supports	1,450	117	57	43	
S.B. Piping/Instr-Welds/Mat	17,900	128	6	6	C
L.B. Pipe - Welds/Mat'l	8,200	134	5	4	
Instr. Pipe/Tube - Suppts.	870	120	139	64	
TOTAL			2,223	1,676	

(1777J)

CSR REINSPECTION RESULTS

CONSTRUCTION CATEGORY:

HVAC EQUIPMENT INSTALLATION

GENERAL DATA:

TOTAL POPULATION	110
SAMPLE	60
INSPECTION POINTS	~24400
NO. OF DISCREPANCY REPORTS	45
NO. OF DISCREPANCIES	202
DISCREPANCY RATE (PERCENT)	0.8

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCIES EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

CSR REINSPECTION RESULTS (CONT'D)

CONSTRUCTION CATEGORY: HVAC DUCT

GENERAL DATA

TOTAL POPULATION	730
SAMPLE	80
INSPECTION POINTS	~101,000
NO. OF DISCREPANCY REPORTS	122
NO. OF DISCREPANCIES	749
DISCREPANCY RATE (PERCENT)	0.74

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCY EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

CSR REINSPECTION RESULTS (CONT'D)

CONSTRUCTION CATEGORY:

HVAC TOUCH-UP GALVANIZING

GENERAL DATA

TOTAL POPULATION	730
SAMPLE	80
INSPECTION POINTS	~3400
NO. OF DISCREPANCY REPORTS	15
NO. OF DISCREPANCIES	42
DISCREPANCY RATE (PERCENT)	1.2

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCY EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

CSR REINSEPCION RESULTS (CONT'D)

CONSTRUCTION CATEGORY:

HVAC HOUSING & PLENUMS FAB.

GENERAL DATA

TOTAL POPULATION	190
SAMPLE	61
INSPECTION POINTS	~13,400
NO. OF DISCREPANCY REPORTS	17
NO. OF DISCREPANCIES	72
DISCREPANCY RATE (PERCENT)	.5

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCIES EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

CSR REINSPECTION RESULTS

CONSTRUCTION CATEGORY:

ELECTRICAL CONDUIT

GENERAL DATA

TOTAL POPULATION	2800
SAMPLE	123
INSPECTION POINTS	~5800
NO. OF DISCREPANCY REPORTS	112
NO. OF DISCREPANCIES	146
DISCREPANCY RATE (PERCENT)	2.6

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

RECURRING DISCREPANCIES REQUIRING FOLLOW UP

SEG. CODE LABELS MISSING OR DAMAGED

LOOSE FLEX CONNECTIONS

DISCREPANT ATTACHMENT TO SUPPORTS

INCORRECT SEPARATION

CSR REINSPECTION RESULTS (CONT'D)

CONSTRUCTION CATEGORY:

SMALL BORE PIPING CONFIGURATION

GENERAL DATA

TOTAL POPULATION	1100
SAMPLE	84
INSPECTION POINTS	~2800
NO. OF DISCREPANCY REPORTS	20
NO. OF DISCREPANCIES	29
DISCREPANCY RATE (PERCENT)	1.0

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCY EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

CSR REINSPECTION RESULTS (CONT'D)

CONSTRUCTION CATEGORY:

PIPE BENDS

GENERAL DATA

TOTAL POPULATION	2900
SAMPLE	100
INSPECTION POINTS	500
NO. OF DISCREPANCY REPORTS	5
NO. OF DISCREPANCIES	5
DISCREPANCY RATE (PERCENT)	1

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCIES EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

CSR REINSPECTION RESULTS (CONT'D)

CONSTRUCTION CATEGORY:

LARGE BORE PIPE-WELDS/MATERIAL

GENERAL DATA

TOTAL POPULATION	8200
SAMPLE	134
INSPECTION POINTS	~2100
NO. OF DISCREPANCY REPORTS	5
NO. OF DISCREPANCIES	5
DISCREPANCY RATE (PERCENT)	0.2

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCIES EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

CSR REINSPECTION RESULTS (CONT'D)

CONSTRUCTION CATEGORY:

SMALL BORE PIPE WELDS/MATERIAL

GENERAL DATA

TOTAL POPULATION	17900
SAMPLE	128
INSPECTION POINTS	~1800
NO. OF DISCREPANCY REPORTS	6
NO. OF DISCREPANCIES	6
DISCREPANCY RATE (PERCENT)	0.3

RESULTS

NO DESIGN SIGNIFICANT DISCREPANCIES

NO PROGRAMMATIC DISCREPANCIES EVIDENT

NO SYSTEMIC FOLLOW UP ACTION INDICATED

RPSR STATUS

CONTRACTOR	S & L SPEC.	NUMBER OF PROCEDURES REVIEWED	NUMBER OF ESSENTIAL REQUIREMENTS	NUMBER OF OBSERVATIONS	VALIDITY DETERMINATION (PERCENT COMPLETE)	IMPACT EVALUATION (PERCENT COMPLETE)	CONCERNS ISSUED
L.K. Comstock Co., Inc.	L-2790	109	642	22	70	15	0
Nuclear Installation Services Company	L-2834	37	467	12	0	0	0
G.K. Newberg Construction Company	L-2722	43	564	41	0	0	0
Pittsburgh Testing Laboratory	L-2850	44	722	33	40	0	0
Phillips, Getschow Company	L-2739	130	759	73	0	0	0
Pullman Sheet Metal Works, Inc.	L-2782	58	344	13	30	0	0
Midway Industrial Contractors, Inc.	L-2831	39	275	10	50	0	0
Chicago Bridge and Iron Works	L-2725	131	418	19	40	0	0
M & O Insulation Company	L-2828	1	3	1	100	100	1

RSCAP STATUS

REVIEW COMPLETED ON 8 OF THE 9 PROGRAMS

NO SIGNIFICANT CONCERNS IDENTIFIED THROUGH BCAP FOR 5
PROGRAMS

ADDITIONAL ACTIONS ARE BEING UNDERTAKEN BY COMMONWEALTH
EDISON ON 3 PROGRAMS TO IMPROVE THEIR EFFECTIVENESS.

ONE PROGRAM CURRENTLY UNDER REVIEW; EXPECTED COMPLETION
MID-JULY.

SUMMARY

- CSR INSPECTIONS AND REVIEWS ARE COMPLETE.
- RPSR REVIEWS ARE COMPLETE.
- RSCAP REVIEWS ARE COMPLETE ON 8 OF THE 9 PROGRAMS; ONE REMAINING TO BE COMPLETED BY MID JULY.
- SIGNIFICANT PROGRESS MADE ON EVALUATION OF THE RESULTS.
- NO DESIGN-SIGNIFICANT DISCREPANCIES TO DATE.
- COMPLETION OF THE WORK EXPECTED BY MID AUGUST.

BCAP Q.A.

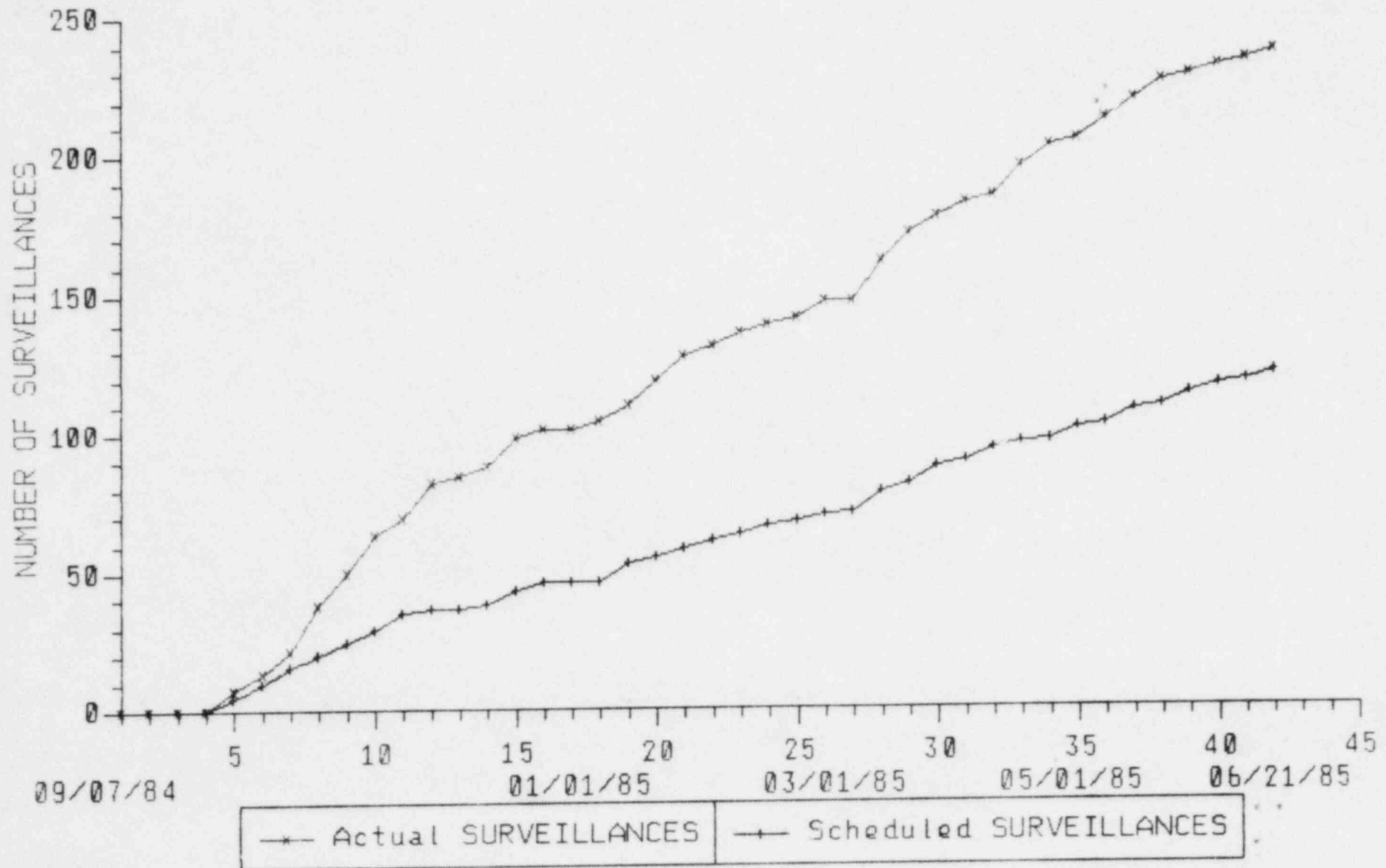
MONTHLY BRIEFING

N. P. SMITH

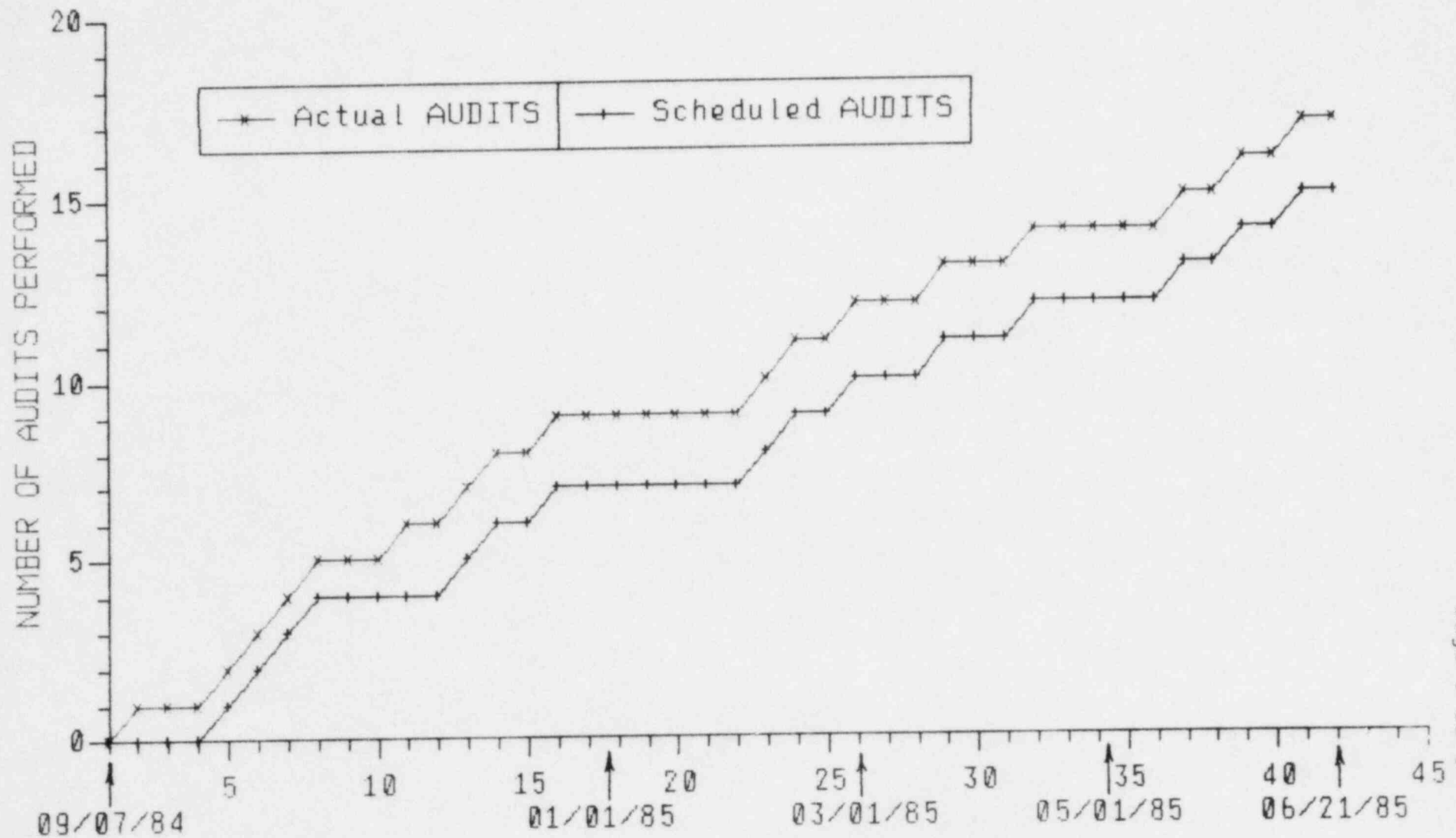
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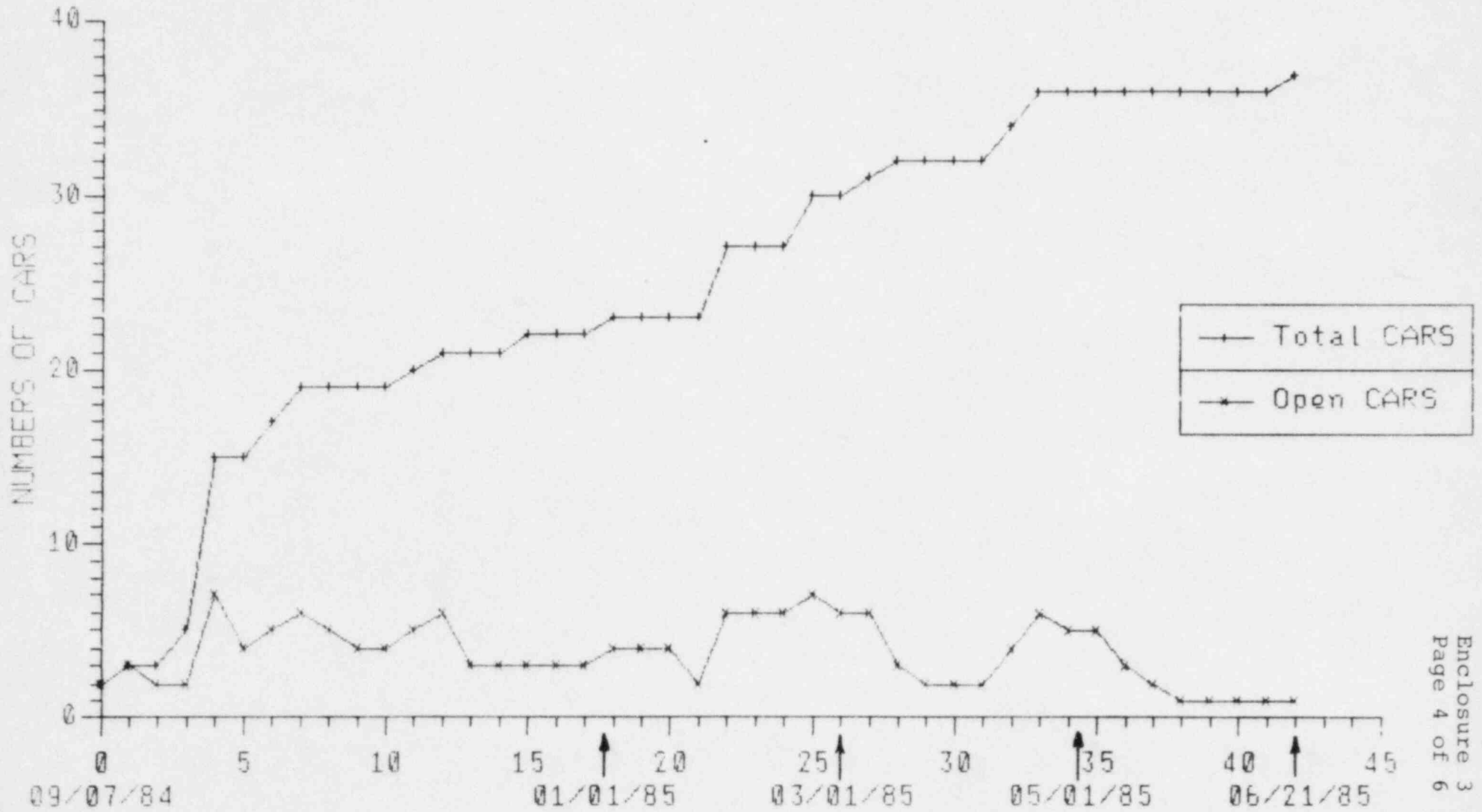
BCAP QUALITY ASSURANCE SURVEILLANCES



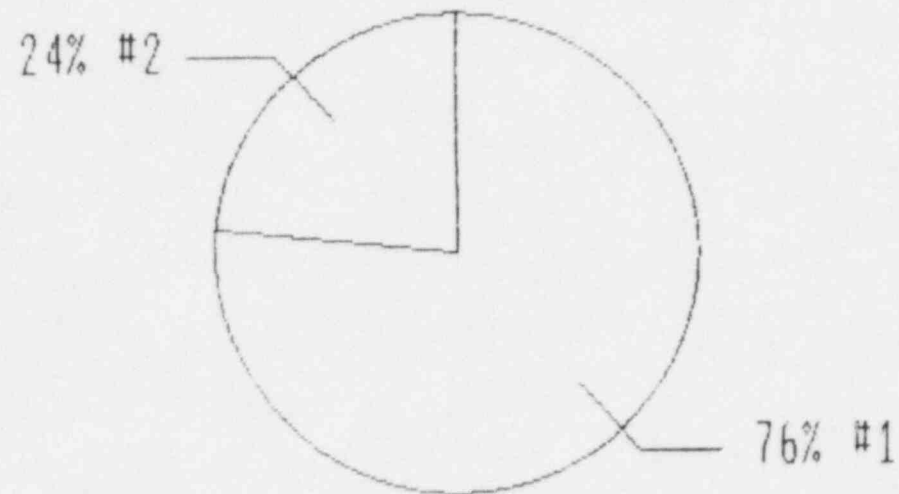
BCAP QUALITY ASSURANCE AUDITS



CORRECTIVE ACTION REQUESTS



BCAP QUALITY ASSURANCE
HOLD POINT FOR REVIEW OF INVALID OBSERVATIONS



INVALID OBSERVATIONS

1126 REVIEWED WITHOUT COMMENT
347 REVIEWED WITH COMMENT

1473 TOTAL REVIEWED THRU JUNE 21

#1-WITHOUT COMMENT

#2-WITH COMMENT

OVERINSPECTION SUMMARY

DESCRIPTION OF POPULATION		PACKAGES OVERINSPECTED (%)	OBJECTIVE (%)	SUBJECTIVE (%)	COMPLETION STATUS (%)
ACCEPTANCE CRITERIA		---	95	90	---
Civil/Structural					
S-001	Concrete Placements.....	13	99	NA	90+
S-002	Structural Steel.....	11	99	99	90+
S-004	Masonry Walls.....	NA	NA	NA	NA
S-005	Containment Liner.....	16	98	NA	90+
S-006	Cadwelds.....	NA	NA	NA	NA
S-007	Post Tensioning.....	NA	NA	NA	NA
Electrical					
E-CND	Conduit.....	12	95	NA	100
E-COH	Cat. I Conduit Hangers.....	12	97	99	100
E-CBL	Cables.....	15	*	NA	90+
E-CBP	Cable Pans.....	10	100	100	100
E-CPH	Cat. I Cable Pan Hangers.....	11	99	94	90+
E-EIN	Elec. Equip. Installation.....	12	96	98	90+
HVAC/Mechanical					
H-001	HVAC Duct.....	18	95	100	100
H-002	HVAC Equip. Installation.....	23	97	99	100
H-003	HVAC Duct Hangers.....	10	97	99	100
H-004	HVAC Housing & Plenums Fab.....	15	*	*	90+
H-005	Mech. Equip. Field Fab.....	30	96	NA	90+
H-006	Mech. Equip. Installation.....	14	*	94	90+
H-007	Touch Up Galvanizing.....	11	97	NA	100
H-008	NSSS Equip. Inst.....	10	100	100	100
H-010	NSSS Support Verification.....	12	98	100	90+
Piping					
M-001	S.B. Pipe Configuration.....	17	97	NA	100
M-002	L.B. Pipe Supports (Rigid).....	18	98	98	100
M-003	L.B. Pipe Supports (Non-Rigid).....	23	98	98	100
M-004	L.B. Pipe Configuration.....	23	*	NA	90+
M-005	Piping System Bends.....	16	100	NA	100
M-006	S.B. Pipe Supports.....	16	98	99	100
M-009	S.B. Piping/Instr-Welds Mat.....	11	100	100	100
M-012	L.B. Pipe - Welds/Mat'l.....	11	100	100	100
M-015	Instr. Pipe/Tube - Suppts.....	11	*	*	90+

*under evaluation

BCAP STATUS MEETING

FOR

APRIL THRU JUNE, 1985

INDEPENDENT EXPERT OVERVIEW GROUP

JUNE 25, 1985

TOPICS

- o Executive Summary
- o Overview Activities
- o Closed Issues
- o Open Issues

EXECUTIVE SUMMARY

Enclosure 4
Page 3 of 5

○ BCAP OVERVIEW

Program has been well executed and is being closed out in an orderly fashion.

○ CSR ELEMENT

Reinspections essentially complete and results are being compiled. Last two populations are nearing closure.

○ RPSR ELEMENT

Draft reports in progress. Element did produce some observations requiring followup.

○ RSCAP ELEMENT

Reports nearly finalized. Several of the SCAP's will be completed subsequent to the closure of BCAP.

○ BCAP QA

Continuing to demonstrate good performance.

OVERVIEW ACTIVITIES

REINSPECTIONS

- o One observation issued and subsequently closed.
- o Observation BCAP-OBS-018 issued and open.

AUDITS

- o Audited BCAP QA for their procedures QUASI's 15, 16 and 18. One concern issued and closed during the audit.

DOCUMENTATION REVIEW

- o Maintained reviews of BCAP observations, S & L design significant reviews and PCD NCR's.
- o Maintained reviews of checklists, procedures and plans.
- o Essentially completed reviews for CSR documentation package. No problems observed that had not been defined by BCAP personnel.

Closed Issues

- o All IEOG observations and Notices of Concern have been resolved except BCAP-OBS-018.

ENCLOSURE 5

ITEMS DISCUSSED AT THE NRC/CECO/ERC MEETING

JUNE 25, 1985

NRC REGION III OFFICE

Mr. Wallace presented the outline for the presentation. Mr. Wallace informed the NRC Staff that BCAP reinspections and document reviews were completed on June 24, 1985 and that the observation processing was approximately 75 percent complete. Mr. Wallace stated that final results are expected to be available for discussion in August.

Mr. Kaushal presented the status of the three BCAP elements. This presentation focused on the results of work essentially complete as of June 25, 1985. In response to a question on inspection points, Mr. Kaushal stated that it is the number of decisions the inspector had to make, any one of which could have resulted in a discrepancy.

During the presentation of the RPSR status Mr. Kaushal stated that although the impact evaluation of the observations was not complete, the initial review of these observations does not indicate any major impact on construction. Mr. Hansel of the IEOG stated that they also had reviewed the observations and did not see a problem.

During the presentation of the RSCAP status, Mr. Gardner of the NRC asked when some of the RSCAP reports would be available. Mr. Kaushal stated he felt they would be available in about three or four weeks.

Mr. Smith presented the BCAP QA status. He stated that the QA hold point on invalid observations is going well, and that after resolution of comments, QA agrees with the task force invalidation on greater than 99 percent of the observations. Mr. Smith also stated that the QA overinspection of the BCAP inspectors was showing very good results. Mr. Hansel of the IEOG stated that the IEOG has also completed approximately a 13 percent overinspection the BCAP with good results.

Mr. Hansel presented the IEOG activities. This presentation included an executive summary, overview activities, closed issues, and open issues. Mr. Hansel stated that BCAP was proceeding towards the finish very well and the BCAP was properly executed.

Mr. Maiman stated that this concluded the presentation from CECo to the NRC. He also stated that CECo was nearing completion of the massive BCAP effort which is producing very good results and that the BCAP demonstrates construction quality of the Braidwood Station.

Mr. Keppler stated that he was glad to see the results of the BCAP coming out good and that the effort was a very important one. Mr. Keppler commended CECo on their efforts.

At this time the meeting was opened for questions to the NRC from the public in attendance. There were no questions, and the meeting was adjourned.

Enclosure 6
List of Attendees

<u>NAME</u>	<u>POSITION</u>	<u>ORGANIZATION</u>
J. G. Keppler	Regional Administrator	Region III, NRC
W. S. Little	Chief Operations Branch	Region III, NRC
R. A. Gardner	Reactor Inspector	Region III, NRC
R. D. Schulz	Sr. Resident - Braidwood	Region III, NRC
L. G. McGregor	Resident-Braidwood	Region III, NRC
W. Muffett	DRS	Region III, NRC
M. J. Faber	Inspector	NRC
A. Dunlop	Inspector	NRC
D. E. Hills	Inspector	NRC
J. S. Mueller	DRSS Co-Op	NRC
L. O. DelGeorge	Asst. Vice-President	CECo
W. E. Vahle	Proj. Field Eng. Mgr.	CECo
G. C. Jones	Project	S&L
W. J. Shewski	CECo Manager of Q.A.	CECo
G. M. Orlov	Asst. Director BCAP	CECo
R. L. Byers	Asst. Director BCAP	CECo
K. T. Kostal	Project Director Braidwood	S & L
R. E. Ham	IEOG, Asst. Project Manager	ERC
J. L. Hansel	IEOG, Project Manager	ERC
W. L. Chase	Consultant	IEOG
N. P. Smith	General Supervisor - QA	CECo
D. L. Shamblin	Proj. Const. Superintendent	CECo
E. E. Fitzpatrick	Asst. Manager QA	CECo
T. J. Maiman	Manager of Projects	CECo
N. N. Kaushal	BCAP Director	CECo
L. S. Weiss	BCAP - SWEC Deputy Mg.	SWEC
M. Franco	Consultant	MRF&A
M. J. Wallace	Project Mgr.	CECo

Enclosure
List of Attendees

<u>NAME</u>	<u>POSITION</u>	<u>ORGANIZATION</u>
R. F. Williams	BCAP-QA	CECo
R. C. Cannon	BCAP-QA	CECo
P. R. Pelke	Project Inspector	NRC
P. Dunlop	Engineering Mgr.	SWEC
I. M. Johnson	Nuclear Communications	CECo
R. R. Minue	Nuclear Engineer	State of Ill. Dept. of Nuc. Safety
M. R. Dougherty	BCAP Supervisor	CECo
B. R. Shelton	Projects Engr. Mgr.	CECo
B. R. Pardunn	BCAP Eval. Coordinator	S&L
D. M. Fischer	Proj. Manager BCAP	S&L
V. Copeland	Attorney	Isham, Lincoln & Beal
J. A. Stevens	Licensing Project Manager	CECo
E. L. Chan	Counsel for NRC	NRC, OELD

PROGRESS REPORT
BRAIDWOOD CONSTRUCTION ASSESSMENT PROGRAM
REPORT PERIOD JULY 1 - JULY 31, 1985

I. SUMMARY/STATUS

This is the thirteenth monthly progress report for the Braidwood Construction Assessment Program (BCAP), covering the period from July 1 through July 31, 1985.

CSR Checklist and Instruction preparation and Reinspection and Documentation reviews have been completed for all populations. Observation processing is proceeding on an expedited basis.

During this period RPSR efforts concentrated on processing observations taking into account information received from PCD, QA, and S&L.

Draft RSCAP reports have been prepared for eight out of a total of nine programs. The draft of one remains to be completed.

As of July 31, the number of personnel assigned to BCAP is 57.

II. SCHEDULE ANALYSIS

CSR Element - All reinspection and documentation review packages have been issued and the corresponding visual reinspections and reviews have been completed. It is anticipated that observation processing will be completed so as to support the overall draft report completion in September.

RPSR Element - Observation processing and evaluation of the impact of RPSR concerns remain to be completed. RPSR work completion is expected to support the overall draft report completion in September.

RSCAP Element - Draft reports for RSCAP programs are undergoing internal review.

General - Based on projections as of the end of this period, the BCAP effort is expected to be substantially completed by the end of September.

III. PERSONNEL STATUS

The total number of personnel assigned to the BCAP project at the end of July was 57 compared to 85 at the end of June. The 57 were distributed as follows: Management and Administrative - 12; CSR Engineering - 29; RPSR Engineering - 4; RSCAP Engineering - 3; Inspectors - 9.

IV. BCAP ELEMENT STATUS

A. CSR Status

Reinspections and documentation reviews have been completed for all populations.

Observations are being processed on a high priority basis. Reinspection observation processing has been completed for ten of the thirty populations.

Evaluation of observations is in progress and results are being incorporated into text for the BCAP report.

B. RPSR Status

During this period RPSR effort was mostly devoted to the processing of observations, taking into account information furnished by PCD, QA, And S&L.

It is expected that RPSR observation review and evaluation will continue during August.

C. RSCAP Status

Draft reports have been prepared and are being internally reviewed for the following eight programs: QCSSR, Safety Related Pipe Supports, Piping Heat Number Traceability, Electrical Installation Documentation Review, Mechanical Equipment Installation, Instrument Installation Verification, HVAC Retrofit, and NSSS Component Supports. The Quality Control Inspector Reinspection Program is currently under review.

D. General

Drafting of the overall BCAP report continued. Draft sections mostly provide program descriptions, however the incorporation of results and conclusions has been initiated.

V. PROBLEMS/DISCREPANCY FINDINGS

A. Implementation Problems

No significant implementation problems were experienced during this period.

B. Discrepancy Findings

A total of 7518 CSR observation reports have been written as of July 31, 1985. Review of these observations for validity is largely complete, activity being mostly devoted to reassessing additional input from various contractors. Out of those that are considered valid discrepancies, approximately 3950 have been sent to S&L for design significance determination.

As of the end of this report period, S&L has not identified any discrepancy as design significant.

No discrepancy findings or concerns were reported by RPSR or RSCAP.

VI. RECOMMENDATIONS

No recommendations are offered at this time.

N. N. Kaushal

N. N. Kaushal
BCAP Director