STRATEGIC PETROLEUM RESERVE PROJECT PROPOSAL

(M&O CONTRACTOR FORM)

SITE(S) AFFECTED: BC/SJ

CONTRACTOR CHANGE NO.: SJ-99-0001 REV:

☒ ENGINEERING CHANGE:

☐ OTHER: (ADMIN/NON-ENGR. CHNG)

ECP NO.:

SECTION 1 - SUMMARY INFORMATION

TITLE: Replace Entrance Gate to Sugarland with Aluminum Gate

SPONSOR: R. Amedee

ORG:.

PHONE:

FUNDING/SCHEDULE IMPACT | RECOMMENDED RANK:

SOURCE	TOTAL ESTIMATED COST	SCHEDULING
☐ SPR BLI _____	FY _____ _____ _____	☐ NO IMPACT
☐ CONTRACTOR BASELINE		☐ NEW SCHEDULE REQ'D.
☐ O&M	DESIGN _____ _____ _____	☐ SCHEDULE CHANGE REQ'D.
☐ LE	CONSTRUCTION/ IMPLEMENTATION _____ _____ _____	☐ MILESTONE _____
☐ MM		☐ CMCR NO. _____
☐ OTHER _____	TOTAL: _____ _____ _____	
☐ BCR		

AUTHORITY

☐ PCCB ☐ CLASS I

☐ ECC ☐ CLASS II

☐ CONTRACTOR

FINAL DISPOSITION

☐ APPROVE

☐ CONDITIONAL APPROVAL

☐ DISAPPROVE

☐ CANCEL

SECTION II - DYNMcDERMOTT REVIEW AND APPROVAL (CLASS II)

REVIEWERS (NAME/ORG.)	CONCURRENCE YES	CONCURRENCE NO	COMMENTS:
SITE MANAGER	☒	☐	Signature on file
SITE ENGINEER	☒	☐	Signature on file
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	

	DATE	DISPOSITION	COMMENTS
TRB CHAIRMAN		☐ CONCUR ☐ APPROVE ☐ DISAPP. ☐ CANCEL	
O&M PROJECTS COORDINATOR		☐ CONCUR ☐ APPROVE ☐ DISAPP. ☐ CANCEL	

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STRATEGIC PETROLEUM RESERVE
PROJECT PROPOSAL

(M&O CONTRACTOR FORM)

SITE(S) AFFECTED: BC/SJ	
CONTRACTOR CHANGE NO.: SJ-99-0001	REV
☒ ENGINEERING CHANGE	
☐ OTHER (ADMIN/NON-ENGR CHNG)	
ECP NO.	

SECTION I SUMMARY INFORMATION

TITLE: **Replace Entrance Gate to Sugarland with Aluminum Gate**

SPONSOR R. Amedee
ORG.
PHONE

FUNDING/SCHEDULE IMPACT		RECOMMENDED RANK	
SOURCE	TOTAL ESTIMATED COST	SCHEDULING	AUTHORITY
☐ SPR BLI _____	FY ____ ____ ____	☐ NO IMPACT	☐ PCCB ☐ CLASS I
☐ CONTRACTOR BASELINE		☐ NEW SCHEDULE REQ'D	☐ ECC ☐ CLASS II
☐ O&M	DESIGN ____ ____ ____	☐ SCHEDULE CHANGE REQ'D	☐ CONTRACTOR
☐ LE	CONSTRUCTION/ IMPLEMENTATION ____ ____ ____	☐ MILESTONE _____	FINAL DISPOSITION
☐ MM		☐ CMCR NO. _____	☐ APPROVE
☐ OTHER _____	TOTAL: ____ ____ ____		☐ CONDITIONAL APPROVAL
☐ BCR			☐ DISAPPROVE
			☐ CANCEL

SECTION II - DYNMcDERMOTT REVIEW AND APPROVAL (CLASS II)

REVIEWERS (NAME/ORG.)	CONCURRENCE YES	CONCURRENCE NO	COMMENTS
SITE MANAGER B Dun Tummell	☒	☐	
SITE ENGINEER Tony Bradlow	✓	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	

TRB CHAIRMAN	DATE	DISPOSITION	COMMENTS
		☐ CONCUR ☐ APPROVE ☐ DISAPP ☐ CANCEL	
O&M PROJECTS COORDINATOR	DATE	DISPOSITION ☐ CONCUR ☐ APPROVE ☐ DISAPP ☐ CANCEL	

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STRATEGIC PETROLEUM RESERVE

ENGINEERING CHANGE PROPOSAL

SUMMARY SHEET

CLASS I CHANGE

ECP NUMBER	TITLE
BUDGET SOURCE ☐ SPR BLI ☐ CONTRACTOR BASELINE ☐ BCR ☐ OTHER	AUTHORITY ☐ PCCB ☐ ECC SCHEDULE ☐ YES MILESTONE NUMBER CMCR NUMBER ☐ NO TOTAL ESTIMATED COST OF CHANGE

	FY	FY	FY
DESIGN	___	___	___
CONSTRUCTION/M&O	___	___	___
TOTAL	___	___	___

PCCB / ECC SIGNATURES	DISPOSITION: CONCUR	DISPOSITION: NON CONCUR	DISPOSITION: DATE	COMMENTS CONDITIONS / LIMITATIONS
DOE SENIOR SITE OFFICIAL	X		7/26/99	Signature on file
APM TECHNICAL ASSURANCE				
APM SYSTEMS AND PROJECTS				
APM MAINTENANCE AND OPERATIONS				
DEPUTY PROJECT MANAGER				
DOE CMO				
PROJECT MANAGER				
DEPUTY ASSISTANT SECRETARY -SPR				

PCCB / ECC ACTION

☐ FULL APPROVAL ☐ CONDITIONAL / LIMITED APPROVAL ☐ DISAPPROVAL

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STRATEGIC PETROLEUM RESERVE

ENGINEERING CHANGE PROPOSAL

SUMMARY SHEET

CLASS I CHANGE

ECP NUMBER	TITLE
BUDGET SOURCE ☐ SPR BLI ☐ CONTRACTOR BASELINE ☐ BCR ☐ OTHER	AUTHORITY ☐ PCCB ☐ ECC SCHEDULE ☐ YES MILESTONE NUMBER CMCR NUMBER ☐ NO

TOTAL ESTIMATED COST OF CHANGE

	FY	FY	FY
DESIGN	___	___	___
CONSTRUCTION/M&O	___	___	___
TOTAL	___	___	___

PCCB / ECC SIGNATURES	DISPOSITION: CONCUR	DISPOSITION: NONCONCUR	DISPOSITION: DATE	COMMENTS CONDITIONS / LIMITATIONS
DOE SENIOR SITE OFFICIAL	✓		7/26/99	
APM TECHNICAL ASSURANCE				
APM SYSTEMS AND PROJECTS				
APM MAINTENANCE AND OPERATIONS				
DEPUTY PROJECT MANAGER				
DOE CMO				
PROJECT MANAGER				
DEPUTY ASSISTANT SECRETARY -SPR				

PCCB / ECC ACTION

☐ FULL APPROVAL ☐ CONDITIONAL / LIMITED APPROVAL ☐ DISAPPROVAL

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STRATEGIC PETROLEUM RESERVE

ENGINEERING CHANGE PROPOSAL

ECP NUMBER	ECP TITLE **Replace Entrance Gate to Sugarland with Aluminum Gate**	PAGE 1 OF

CONTRACTOR CHANGE NO./REV.	INITIATED BY Amedee RA (Richard)	DATE	SUBMITTED BY Berndsen, Gerard	DATE
SJ-99-0001	ORG./CONTRACTOR	PHONE NO.	ORG./CONTRACTOR	PHONE NO.

PRIORITY

- ☐ EMERGENCY
- ☐ URGENT
- ☒ ROUTINE

VALUE ENGINEERING	DRAWDOWN CRITICAL	ROM ESTIMATE
☐ VEP (MANDATORY)	☐ YES	$ _____
☐ VECP (VOLUNTARY)	☐ NO	

DESCRIPTION:

PROBLEM / EXISTING CONFIGURATION

I am requesting permission to change out the entrance gate to Sugarland with an aluminum gate. The present gate is heavy and we are having problems with the gate closing when it rains. We are also having problems with the gate staying on track. We will keep the present gate in the lay down yard if we get permission to change the gate.

PROPOSED SOLUTION / ENHANCEMENT

REASON / JUSTIFICATION

This change has been approved by DOE for Equillon and is being routed for TRB Review and Comment.

CI'S AFFECTED

ENGINEER OF RECORD TECHNICAL ANALYSIS/RECOMMENDATION

IMPLEMENTATION METHOD

- ☐ SUBCONTRACT
- ☐ M&O LABOR (LOE)
- ☐ COMBINATION

ENGINEER OF RECORD	DATE	DOE SSR	DATE	
		Signature on file	9/24/99	☒ CONCUR ☐ NONCONCUR

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STRATEGIC PETROLEUM RESERVE

ENGINEERING CHANGE PROPOSAL

ECP NUMBER	ECP TITLE	PAGE 1 OF
	Replace Entrance Gate to Sugarland with Aluminum Gate	

CONTRACTOR CHANGE NO./REV.	INITIATED BY	DATE	SUBMITTED BY	DATE
SJ-99-0001	Amedee RA (Richard)		Berndsen, Gerard	
PRIORITY	ORG./CONTRACTOR	PHONE NO.	ORG./CONTRACTOR	PHONE NO.
☐ EMERGENCY ☐ URGENT ☒ ROUTINE				

VALUE ENGINEERING	DRAWDOWN CRITICAL	ROM ESTIMATE
☐ VEP (MANDATORY)	☐ YES	$ _____
☐ VECP (VOLUNTARY)	☐ NO	

DESCRIPTION:

PROBLEM / EXISTING CONFIGURATION I am requesting permission to change out the entrance gate to Sugarland with an aluminum gate. The present gate is heavy and we are having problems with the gate closing when it rains. We are also having problems with the gate staying on track. We will keep the present gate in the lay down yard if we get permission to change the gate.

PROPOSED SOLUTION / ENHANCEMENT

REASON / JUSTIFICATION

CI'S AFFECTED

ENGINEER OF RECORD TECHNICAL ANALYSIS/RECOMMENDATION	IMPLEMENTATION METHOD
	☐ SUBCONTRACT ☐ M&O LABOR (LOE) ☐ COMBINATION

ENGINEER OF RECORD	DATE	DOE SSR	DATE	
		[signature]	7/26/99	☑ CONCUR ☐ NONCONCUR

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STRATEGIC PETROLEUM RESERVE
ENGINEERING CHANGE PROPOSAL
CONFIGURATION CHANGE AFFECTED REPORT

TO BE COMPLETED BY TECHNICAL REVIEW PROCESS, ENGINEERING AND CONFIGURATION MANAGEMENT ORGANIZATION DEFINED PROCESS

ECP NO.	CONTRACTOR CHANGE NO.	REV.	CHANGE CLASSIFICATION ☐ CLASS I ☐ CLASS II	PAGE 2 OF
	SJ-99-0001			

FUNCTIONS AFFECTED

YES/NO	ITEM
NO	LEVEL I ☐ LEVEL II ☐ CRITERIA
NO	PERFORMANCE CRITERIA
NO	RAM
NO	INTERFACE CHARACTERISTICS
NO	I/O POINTS
NO	DOE LEVEL I, II, III SCHEDULES
NO	GUARANTEES/DELIVERABLES
NO	SAFETY/ENV/FP (CIRCLE ONE)
NO	SECURITY REQUIREMENTS
NO	OPCS SOFTWARE
NO	OPCS HARDWARE
NO	OPCS FIRMWARE
NO	SETPOINTS/RANGES
NO	DIP SWITCH SETTINGS/JUMPERS
NO	MASTER CI LIST
NO	WELLHEAD CONFIGURATION
NO	SPARES/PROVISIONING REQUIREMENTS
NO	GOVERNMENT FURNISHED EQUIPMENT
NO	ENERGY USAGE
NO	OPERATIONS MODELS
NO	OTHER
	DOCUMENTS AFFECTED
	ITEMS
	PIPING
NO	101 - PROCESS FLOW DIAGRAMS
NO	102 - MECHANICAL FLOW DIAGRAMS
NO	103 - PIPING AND INSTRUMENTATION DIAGRAMS (P&ID'S)
NO	104 - UTILITY FLOW DIAGRAMS
NO	105 - GENERAL PIPING PLANS
NO	106 - AREA PLANS (MECHANICAL EQUIPMENT LOCATION)
NO	122 - WELL HEAD DRAWINGS
NO	123 – WELL COMPLETION CONFIGURATION DRAWINGS
NO	130 - VALVE LIST
NO	135 - LINE LIST
NO	140 - PSV LIST
NO	150 - STANDARDS
	CIVIL/STRUCTURAL
NO	201 - PLOT PLANS
~~NO~~ yes	202 - SITE WORK: GRADING (ROUGH & FINISH) DRAIN FENCING
NO	210 - FOUNDATIONS: LOCATION PLANS
NO	216 - MINES (WEEKS ISLAND ONLY)
NO	250 - STANDARDS
	ELECTRICAL
NO	301 - AREA CLASSIFICATION
NO	302 - ONE LINE DIAGRAMS
NO	303 - SCHEMATIC DIAGRAMS
NO	304 - POWER PLANS AND DETAILS
NO	305 - LIGHTING PLANS AND DETAILS
NO	307 - SUBSTATION PLANS AND DETAILS

DOCUMENTS AFFECTED

YES/NO	ITEM
	ELECTRICAL (cont'd)
NO	308 - WIRING DIAGRAMS
NO	310 - GROUNDING
NO	311 - CONDUIT & CABLE SCHEDULES (INCLUDING INST.)
NO	313 - MCC/SWITCH GEAR ELEVATION & SCHEDULE
NO	315 - CATHODIC PROTECTION
NO	350 - STANDARDS
	INSTRUMENTATION
NO	401 - BLOCK DIAGRAM
NO	402 - LOOP DIAGRAMS
NO	403 - INSTRUMENT PLANS AND DETAILS
NO	404 - INSTRUMENT WIRING DIAGRAM
NO	409 - INSTRUMENT INDEX
NO	450 - STANDARDS
	MAPPING
NO	501 - ALIGNMENT SHEETS
NO	509 - PIPELINE DRWGS (MAINLINE VALVES, DRIPS, SCRAPER, TRAPS, ETC.)
NO	550 - STANDARDS
	ARCHITECTURAL
NO	720 - ELEVATIONS AND FLOOR PLANS
NO	750 - STANDARDS
	DOCUMENTATION
NO	900 - RESERVED
NO	901 - TECHNICAL/PERFORMANCE/DESIGN CRITERIA
NO	910 - DESIGN DESCRIPTION/BASIS
NO	911 - PROCESS SET POINT DOCUMENTS
NO	912 - EQUIPMENT LIST
NO	913 - MOV LIST
NO	915 - ELECTRICAL SAFETY
NO	920 - I/O DOCUMENT
NO	930 - OPERATIONS MANUALS
NO	930 - MAINTENANCE MANUALS
NO	950 - STANDARD SPECIFICATIONS
NO	970 - TASK SPECIFICATIONS
NO	990 - CONFIGURATION MANAGEMENT REPORTS/I.B.O.M.

COMMENTS:

ENGINEERING	DATE	CONFIGURATION MANAGEMENT	DATE
		Michael Calais	7/20/99

EH 7/27/99

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STRATEGIC PETROLEUM RESERVE

ENGINEERING CHANGE PROPOSAL

SOFTWARE, HARDWARE, FIRMWARE CHANGE

CONTRACTOR CHANGE NUMBER	REVISION NUMBER	ECP NUMBER	PAGE
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SOFTWARE CHANGE ANALYSIS	HARDWARE/SOFTWARE AFFECTED
	(NOTE: REDLINE CI BOM)

DISPOSITION OF PARTS

☐ REWORK SITE COMPONENTS ONLY ☐ REWORK ALL SITE COMPONENTS ☐ COMPONENTS NOT AFFECTED

☐ OTHER (DESCRIBE)

COMPONENT COMPATIBILITY (LIST COMPONENTS SEPARATELY IF COMPATIBILITY'S ARE DIFFERENT)

☐ INTERCHANGEABLE ☐ DRAWDOWN COMPATIBLE ☐ NONCOMPATIBLE

OPCS SUPPORT ENGINEER	DATE	FUNCTIONAL MANAGER	DATE

IMPLEMENTATION / TEST COMMENTS

WITNESSED BY			DATE

TEST APPROVED BY	DATE	CHANGE RELEASE AUTHORITY	DATE