

# Memorandum

11800  
FAC

DATE: MAR 09 1987

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp  
Lejeune

TO: Base Maintenance Officer

SUBJ: MODEL INSTALLATION PROGRAM PROPOSALS

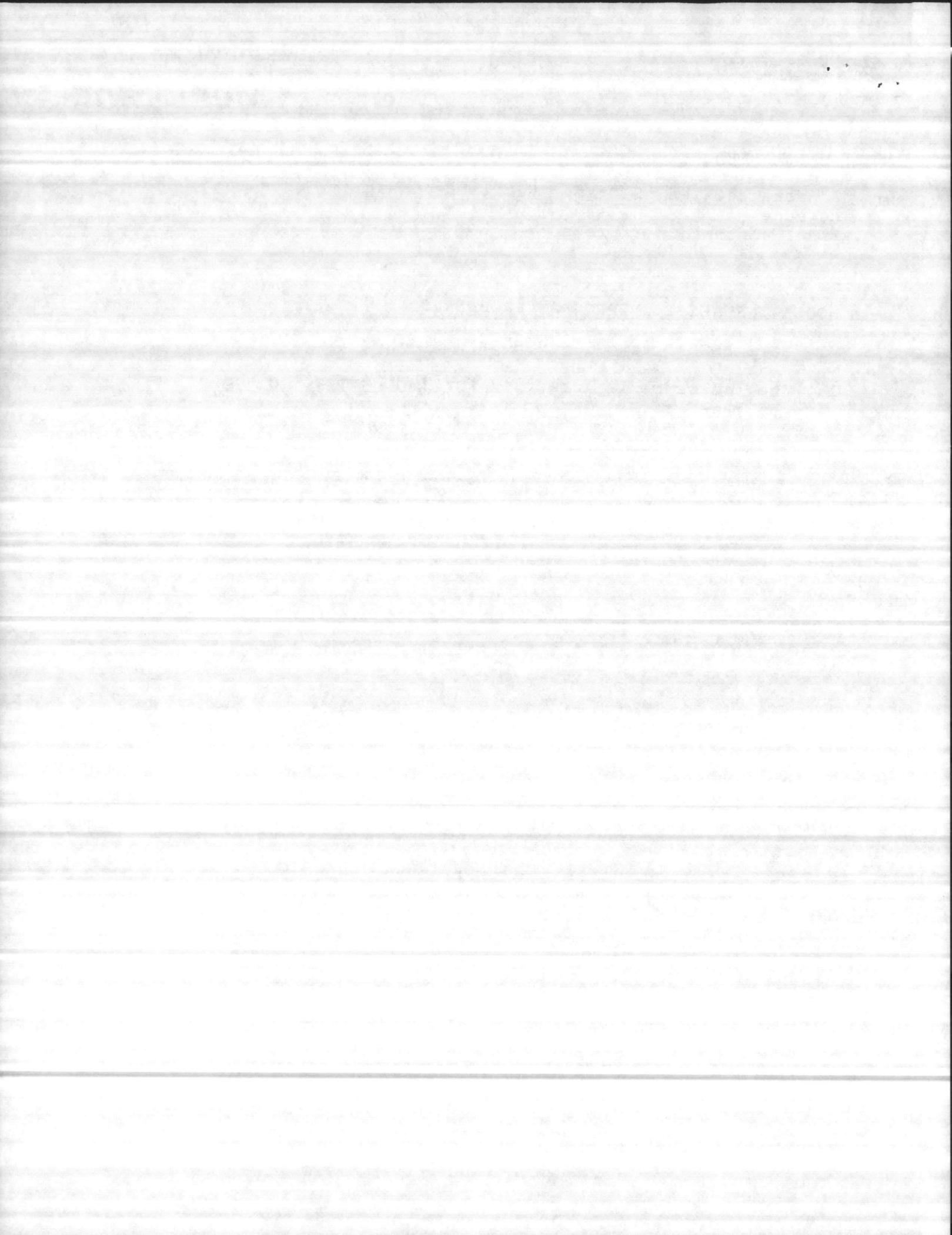
Encl: (1) AC/S BOSMAD memo 11800 BOSM dtd 4 Mar 1987

1. The enclosure is forwarded for implementation and an estimate of benefits.

2. Please provide a response on both matters by 31 March 1987.

  
B. W. ELSTON  
By direction

*MIP 025- Hot water  
heater  
efficiency*



11800  
BOSM  
MAR 4 1987

MEMORANDUM

From: Assistant Chief of Staff, Base Operational Support  
Management Assistance

To: Assistant Chief of Staff, Facilities

Subj: MODEL INSTALLATION PROGRAM PROPOSALS

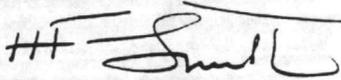
Ref: (a) BO 12451.2

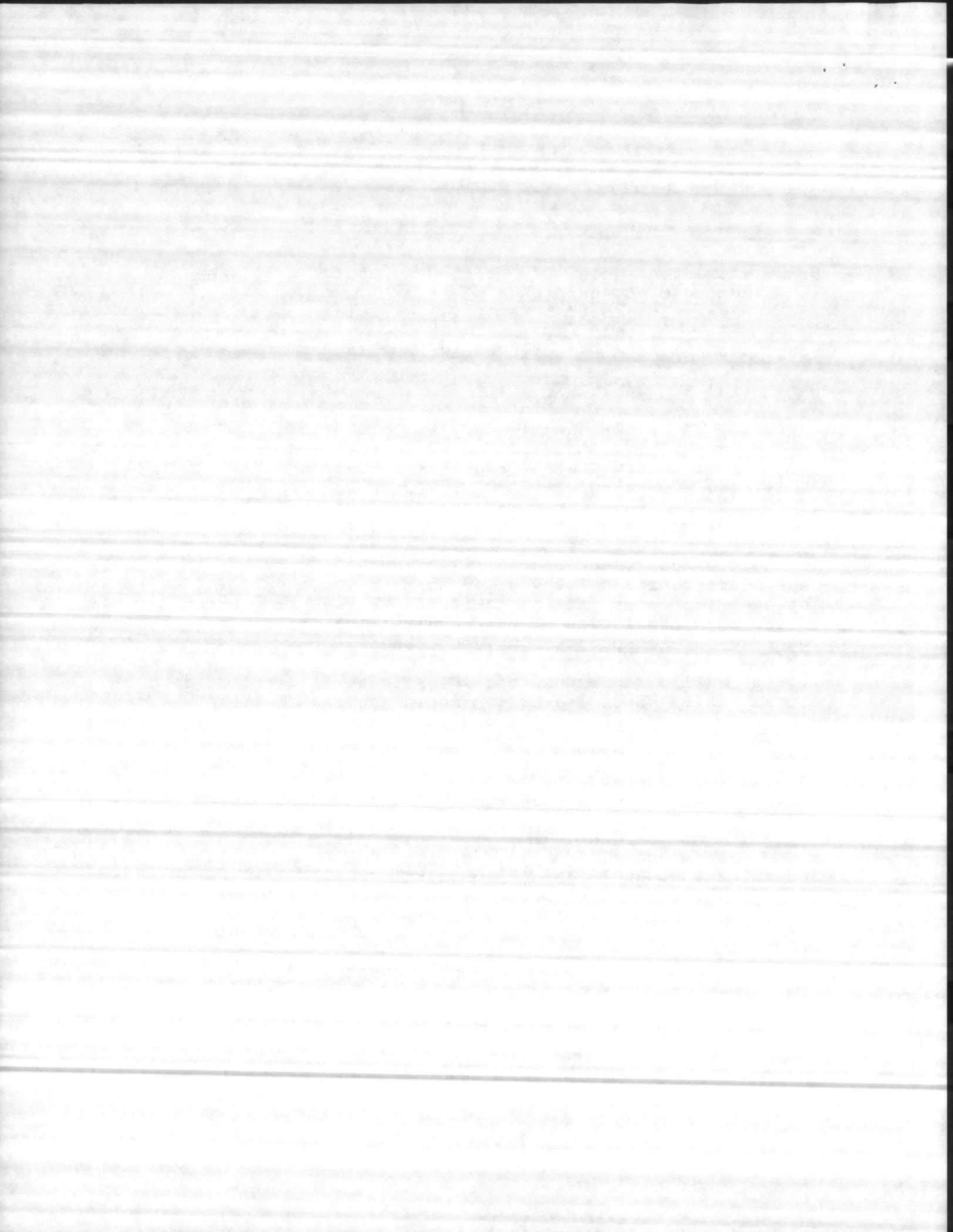
Encl: ~~(1) MIP #86-CLNC-116-FAC, w/approval and NAVSO 5305/5  
(2) MIP #86-CLNC-137-FAC, w/approval and NAVSO 5305/5  
(3) MIP #86-CLNC-145-FAC, w/approval and NAVSO 5305/5  
(4) MIP #86-CLNC-151-FAC, w/approval and NAVSO 5305/5  
(5) MIP #87-CLNC-014-FAC, w/approval and NAVSO 5305/5  
(6) MIP #87-CLNC-025-FAC, w/approval and NAVSO 5305/5~~

1. The proposals, enclosures (1) through (6), relate to matters under the cognizance of your department and are forwarded for implementing action as appropriate. We request you notify this office upon completion of the required implementation action so the file on each proposal may be closed.

2. It is also requested that an estimate of benefits be performed. MIP awards are processed in accordance with the procedures for the Beneficial Suggestion Program set forth in the reference. If it is determined a monetary award is inappropriate or not applicable based on guidance in the reference, please determine the benefits from adoption of the proposal and indicate in item 4 of the NAVSO 5305/5 the reason for non-award (i.e., clearly a job responsibility, a routine safety matter).

3. It is requested that your office complete these award determinations and return them to this office no later than 15 days following receipt.

  
H. F. SMITH





# MODEL INSTALLATION PROGRAM

# PROPOSAL

## MARINE CORPS BASE CAMP LEJEUNE



### INSTRUCTIONS:

1. COMPLETE ALL INFORMATION REQUESTED.
2. PLEASE PRINT OR TYPE LEGIBLY.
3. USE ADDITIONAL SHEETS IF NECESSARY.
4. FORWARD COMPLETED PROPOSAL TO AC/S. BOSMAD. MCB

DO NOT WRITE IN THIS SPACE

DATE RECEIVED

DEC 22 1986

TITLE OR SUBJECT OF PROPOSAL

PROPOSAL NUMBER

87-CLNC-25-F

NAME, TITLE, GRADE/RANK OF SUBMITTER(S)

HOT WATER Efficiency

PHONE

Randolph S. Beers HMZ O.R. TECH

593/99

CURRENT PROCEDURE

In our Bld # 907 we have 2 electric water heaters (1) 30 gal (1) 60 gal. Neither of which have a thermal insulating blanket.

PROPOSED PROCEDURE (If a directive/order must be waived to implement proposal-Identify the specific reference.)

I think The Base should provide Thermal Insulating Blankets for all Buildings, especially Housing. Base Maint. could survey all the Build. on Base, get the TOTAL # of Blankets needed, and put in a sealed Bid notice.

BENEFITS/ADVANTAGES

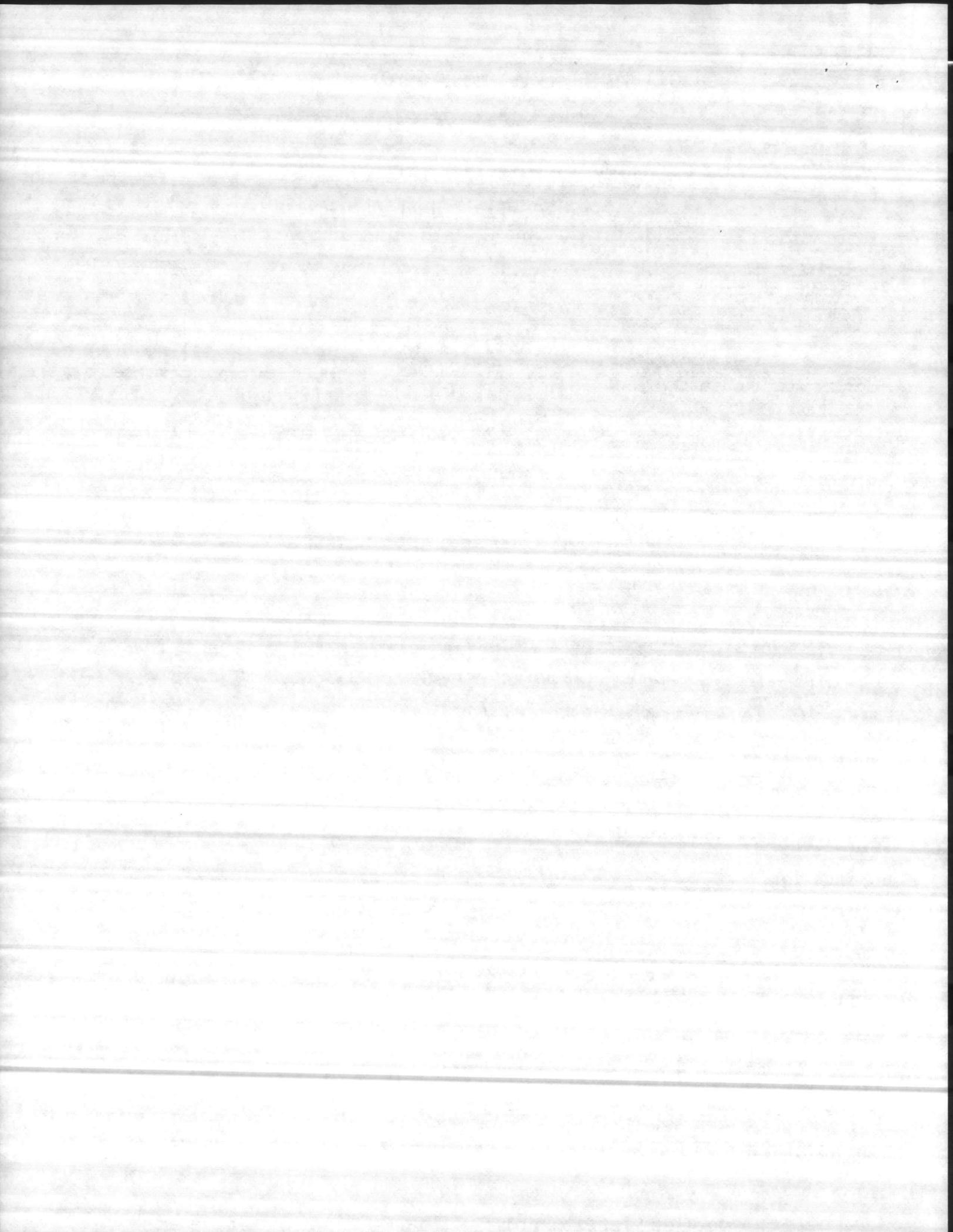
The Cost of the Blankets is Really quite Negligible in the long Run with Regards to the KWH of electricity and dollars saved As Housing Residents could install it themselves.

I (WE) UNDERSTAND THAT THE ACCEPTANCE OF A CASH AWARD FOR THE USE OF THIS PROPOSAL BY THE UNITED STATES GOVERNMENT SHALL FORM THE BASIS OF A FURTHER CLAIM OF ANY NATURE UPON THE UNITED STATES BY ME (US), MY (OUR) HEIRS OR ASSIGNS

Randolph S. Beers HMZ O.R. TECH  
(SIGNATURE AND DATE)

OVER  
(SIGNATURE AND DATE)

MODEL INSTALLATION PROPOSAL  
MCBCL 11800



MODEL INSTALLATION PROGRAM CONTROL FORM

CLNC PROPOSAL NUMBER 87-CLNC-025-FAC	TITLE/SUBJECT OF PROPOSAL HOT WATER EFFICIENCY
---	---

FUNCTIONAL CODE AP	DIRECTIVE N/A	LEVEL OF APPROVAL CG	DATE OF PROPOSAL	RECEIVED BOSMAD 861011
-----------------------	------------------	-------------------------	------------------	---------------------------

NAME/PHONE OF SUBMITTER(S) HM2 Randolph S. Beers/5993	ORGANIZATION 2d FSSG
--	-------------------------

**SYNOPSIS OF PROPOSAL**  
Provide thermal insulating blankets for water heaters in all buildings including Housing.

**FUNCTIONAL MANAGER RECOMMENDATION** DATE: 870122  
AC/S, FAC  
Approve

REMARKS:  
See attached AC/S, Facilities memo dtd 22 Jan 87.

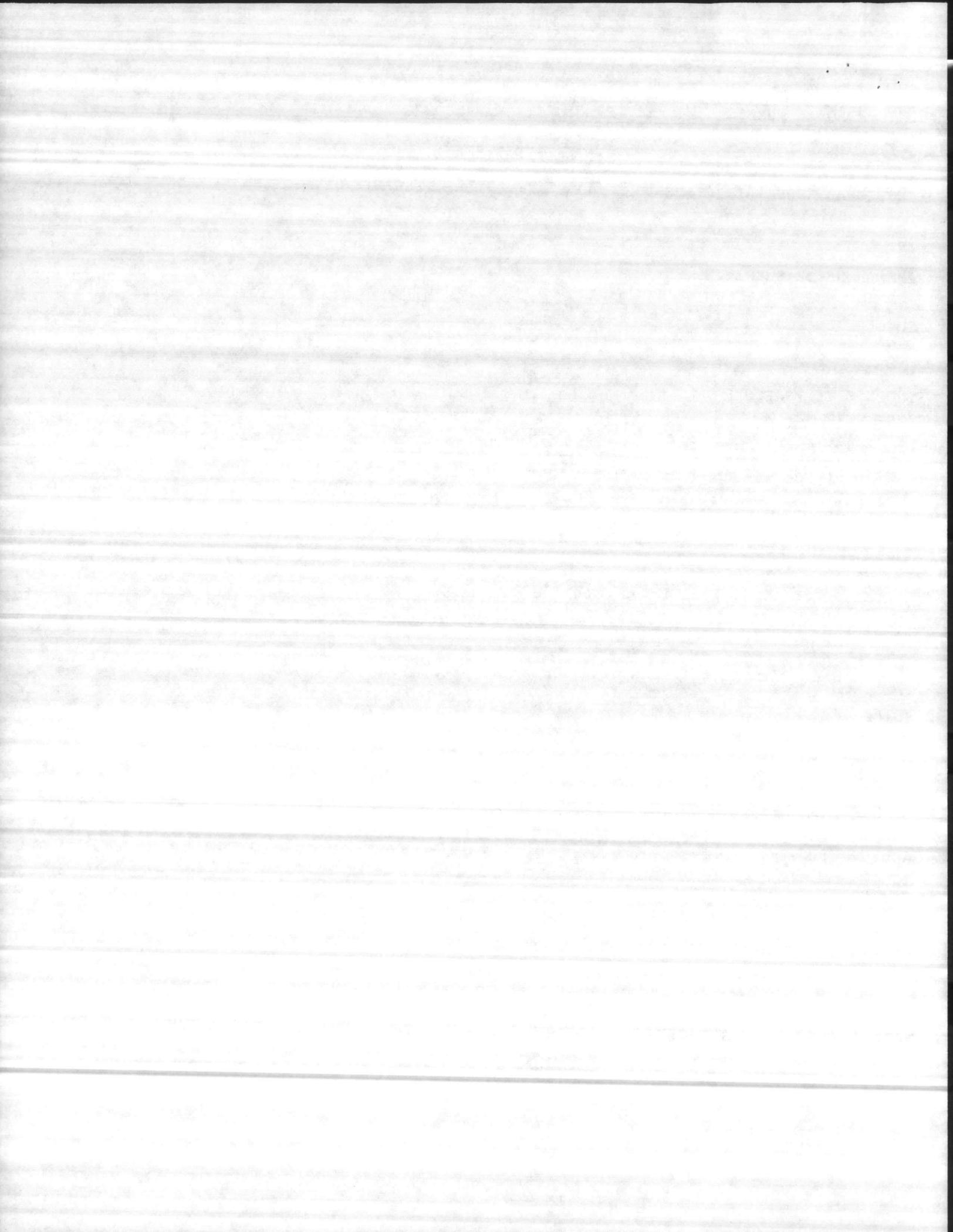
**STEERING GROUP RECOMMENDATION** DATE:  
N/A - Functional Manager Recommends Approval.

REMARKS:

**COMMANDING GENERAL ACTION** DATE:  
Approved:      Disapproved:      Forward to Higher Authority:       
Concept Approved-Final Approval Pending Results of Test:     

REMARKS:

<b>ACTION BY HIGHER AUTHORITY</b>  DTG OF MCECL REQUEST:  DTG OF RESPONSE:	<b>FINAL ACTION</b>   OTHER RECOGNITION: DATE SUBMITTER(S) NOTIFIED:
--	--



# Memorandum

11800  
FAC

DATE: JAN 22 1987

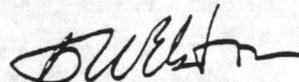
FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp  
Lejeune, North Carolina  
TO: Assistant Chief of Staff, Base Operational Support Management  
Assistance Division

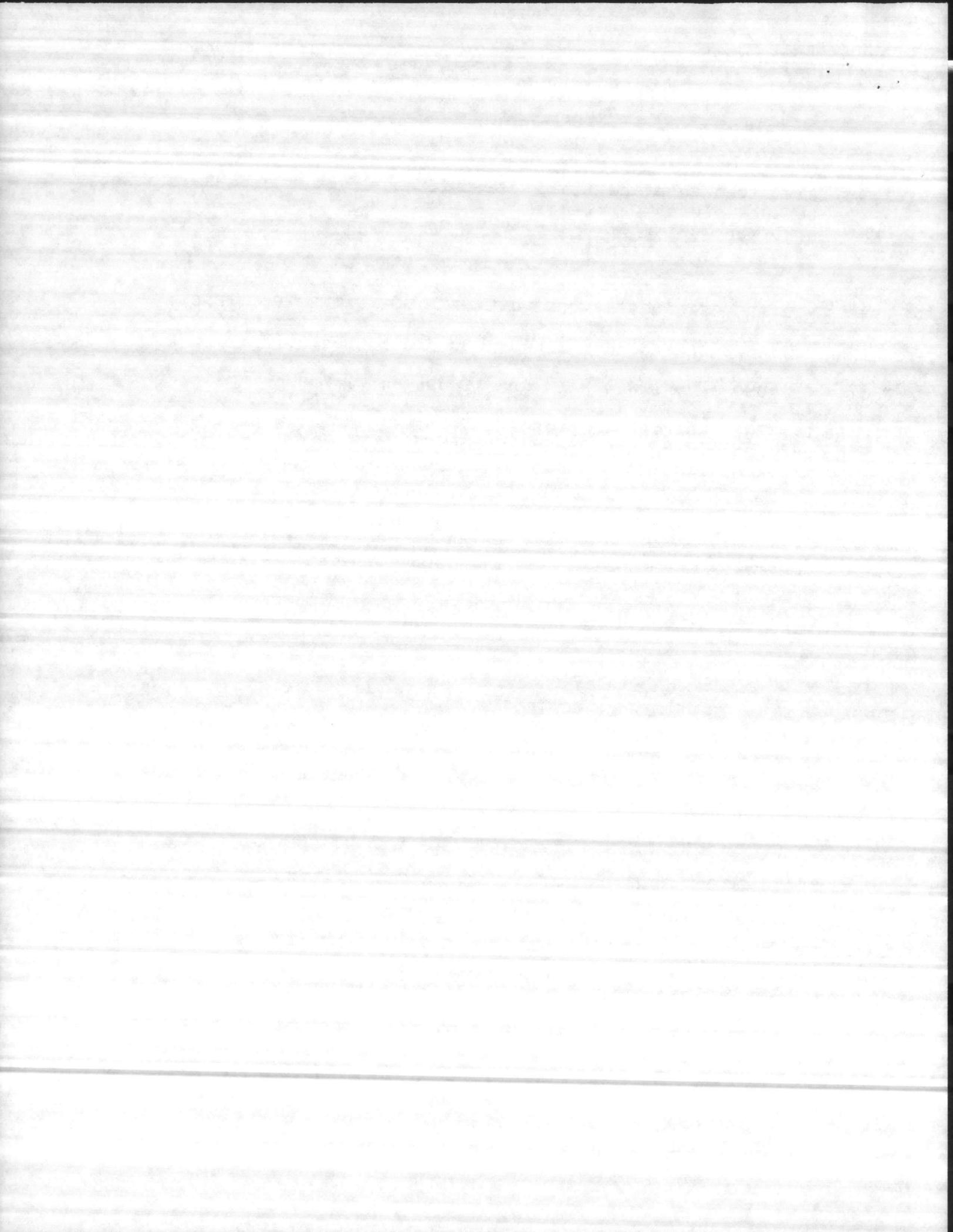
SUBJ: MIP PROPOSAL NO. 87-CLNC-025-FAC, HOT WATER EFFICIENCY

Ref: (a) AC/S BOSMAD memo 11800 BOSM dtd 15 Dec 86

Encl: (1) BMO memo 11800 MAIN dtd 12 Jan 87

1. The subject MIP proposal was reviewed as requested by the reference. We recommend approval for limited application as explained in the enclosure.

  
B. W. ELSTON  
By direction



# Memorandum

11800  
MAIN

DATE: 12 Jan 87

FROM: Base Maintenance Officer, Marine Corps Base, Camp Lejeune

TO: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

SUBJ: MIP PROPOSAL NO. 87-CLNC-025-FAC, HOT WATER EFFICIENCY

Encl: (1) AC/S FAC memo 11800 FAC of 18 Dec 86

1. The subject MIP proposal was reviewed and is recommended for approval for limited application. Following are the research results concerning the installation of hot water heater insulating blankets in all military facilities:

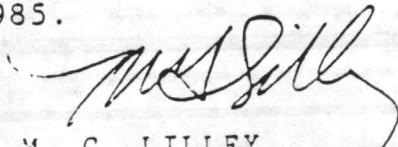
a. Military Family Housing - All housing units which were recently renovated were equipped with high efficiency electric hot water heaters. This equipment is well insulated. Consequently, the installation of blankets would not be cost effective.

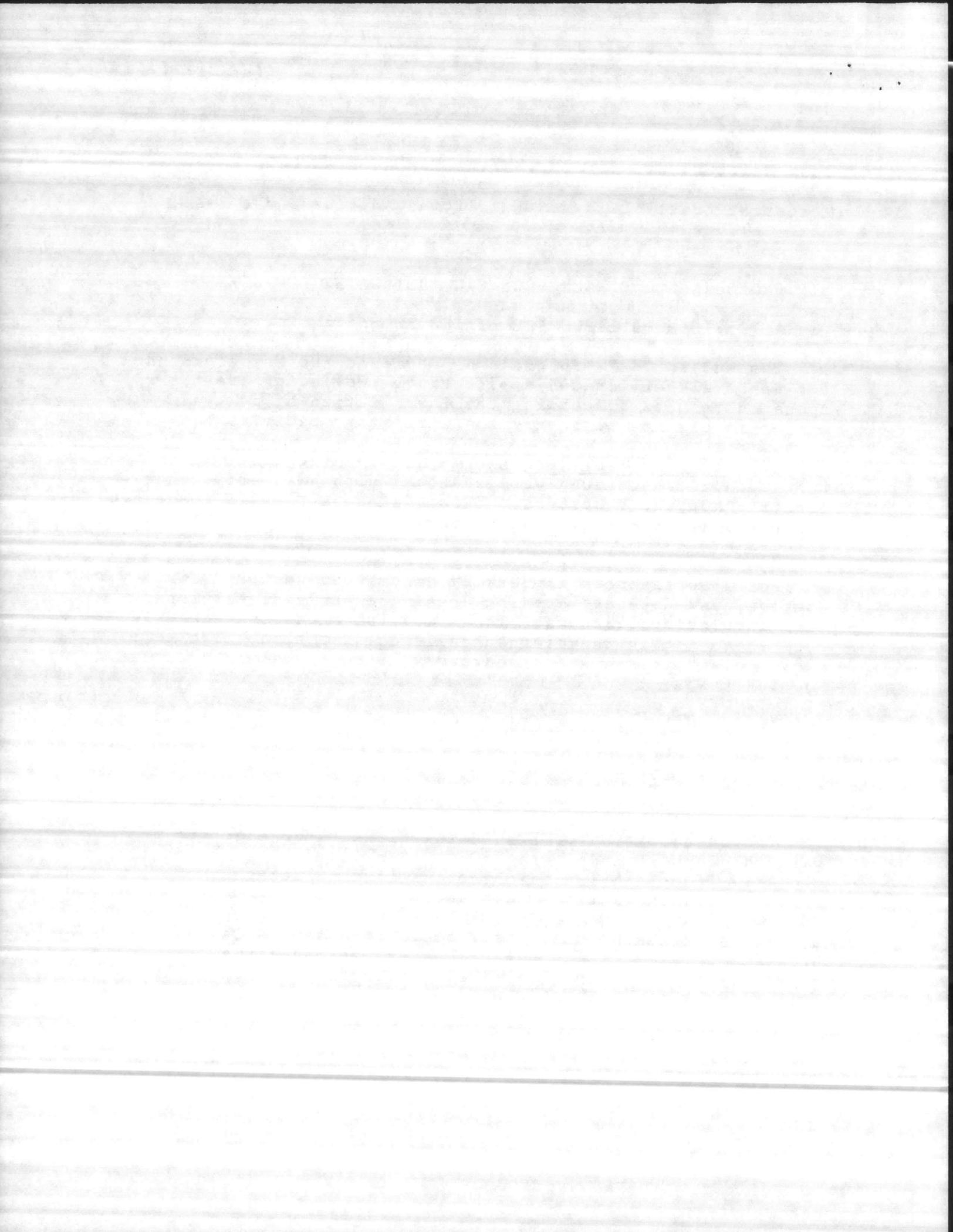
Hot water heaters in Berkley Manor, Marine Corps Air Station, and Capehart housing areas are currently equipped with insulating blankets. These housing units are scheduled for renovation in the near future. At that time, high efficiency electric hot water heaters will be installed at these housing units.

b. Industrial Facilities - Many of the industrial facilities on Camp Lejeune have steam hot water heaters. This equipment is insulated by the manufacturer prior to being installed in the mechanical rooms. This type of heater does not benefit from the use of insulating blankets.

The installation of insulating blankets on electric hot water heaters in industrial facilities would be a worthwhile project. The identification of qualifying heaters can be accomplished by facility occupants.

2. It is suggested that the installation of insulating blankets on electric hot water heaters in industrial facilities be accomplished via the "Self Help" Program. Any questions concerning this proposal should be directed to Ms. Patricia Engle, extensions 5642/2985.

  
M. G. LILLEY



# Memorandum

11800  
FAC

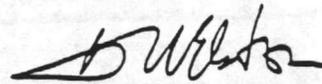
DATE: 18 DEC 1986

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp  
Lejeune  
TO: Base Maintenance Officer

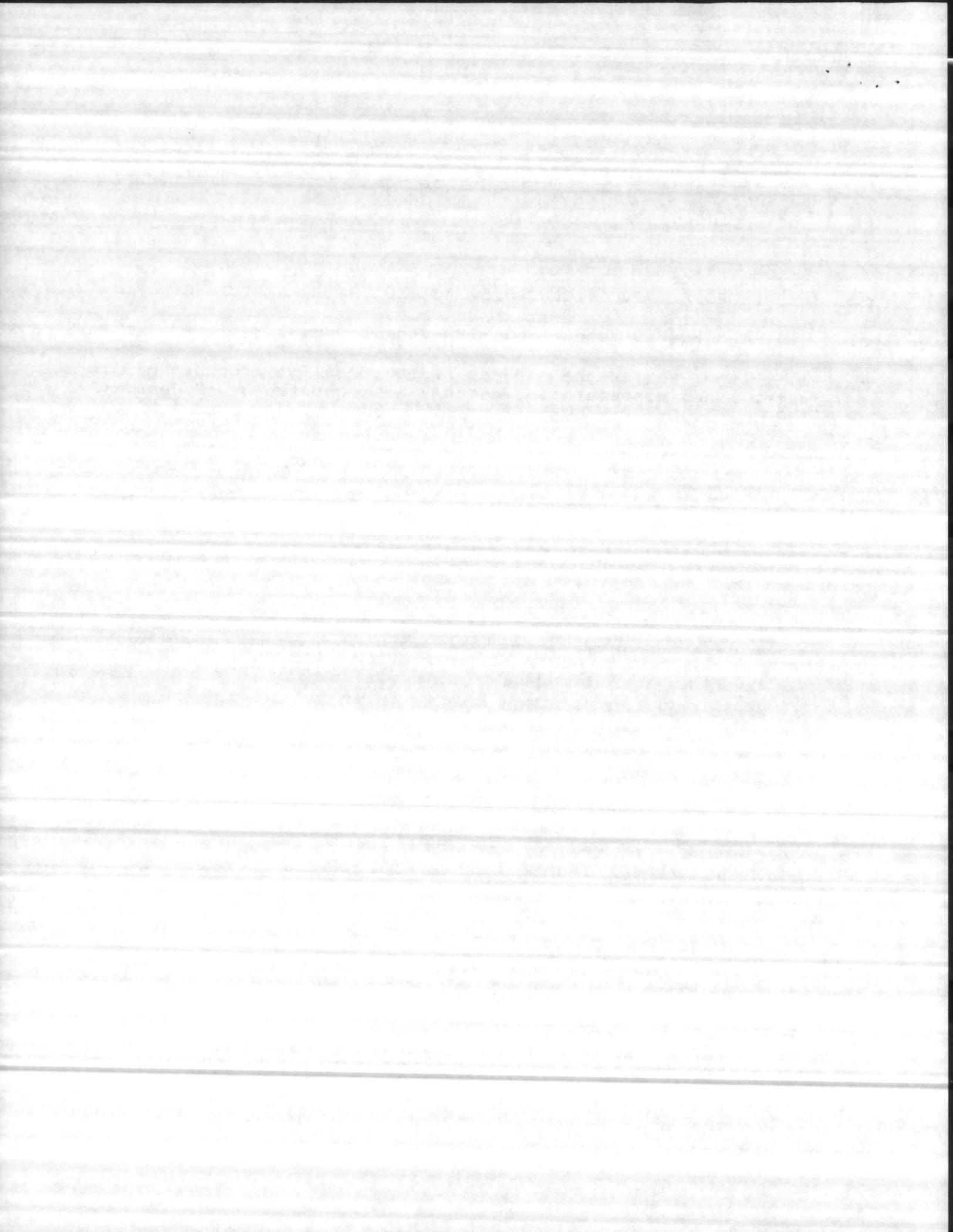
SUBJ: MIP PROPOSAL NO. 87-CLNC-025-FAC, HOT WATER EFFICIENCY

Encl: (1) AC/S BOSMAD memo 11800 BOSM dtd 15 Dec 86

1. Please review the subject MIP proposal in accordance with established procedures. Response is requested by 12 January 1987.



B. W. ELSTON  
By direction



MIP AWARDS DETERMINATION

CONTRIBUTER(S) (Name: Last, first, M.I.)

CONTRIBUTION (Number and title)

DATE RECEIVED

BEERS, Randolph S.

Hot Water Efficiency  
87-CLNC-025-FAC

POSITION TITLE, AND GRADE OR RANK/RATE

ACTIVITY OF CONTRIBUTOR(S) (Name and location)

HM2

Marine Corps Base  
Camp Lejeune, NC 28542

ORGANIZATIONAL CODE AND TITLE

Base Operational Support Management Assistance Division

TO:

DATE FORWARDED

DUE DATE

AC/S, Facilities

15 Days After Receipt

A complete evaluation of this contribution is necessary and all questions that apply should be answered. Although you may not have authority to implement the contribution, you are requested to give your opinion on its value. Do not merely state that authority to adopt the contribution is under the cognizance of GSA, VA, Treasury, etc. YOUR REPLY MAY BE USED VERBATIM IN NOTIFYING THE CONTRIBUTOR(S) OF THE RESULTS.

SIGNATURE OF AWARDS ADMINISTRATOR

ACTIVITY AND LOCATION

*Darryl R. Cassevah*

AC/S, BOSMAD

INVESTIGATION REPORT

1. WILL CONTRIBUTION BE ADOPTED LOCALLY? (If "NO" give reason for nonadoption in space 4 and answer questions 5 and 6 only)
2. IS CONTRIBUTION IN OPERATION? (Complete items below)

IF "YES" GIVE DATE INSTALLED \_\_\_\_\_ IF "NO" INDICATE BELOW THE ACTION TAKEN TOWARD ADOPTION

- COMMITMENT TO ADOPT HAS BEEN MADE    
  PROJECT OR JOB ORDER HAS BEEN ISSUED    
  EXPERIMENTAL WORK OR TRIAL TEST IS UNDER WAY    
  APPROVAL HAS BEEN REQUESTED

3. ESTIMATE OF BENEFITS

A. INTANGIBLE BENEFITS

VALUE                       MODERATE     SUBSTANTIAL     HIGH                       EXCEPTIONAL

EXTENT OF APPLICATION     LIMITED         EXTENDED         BROAD                       GENERAL

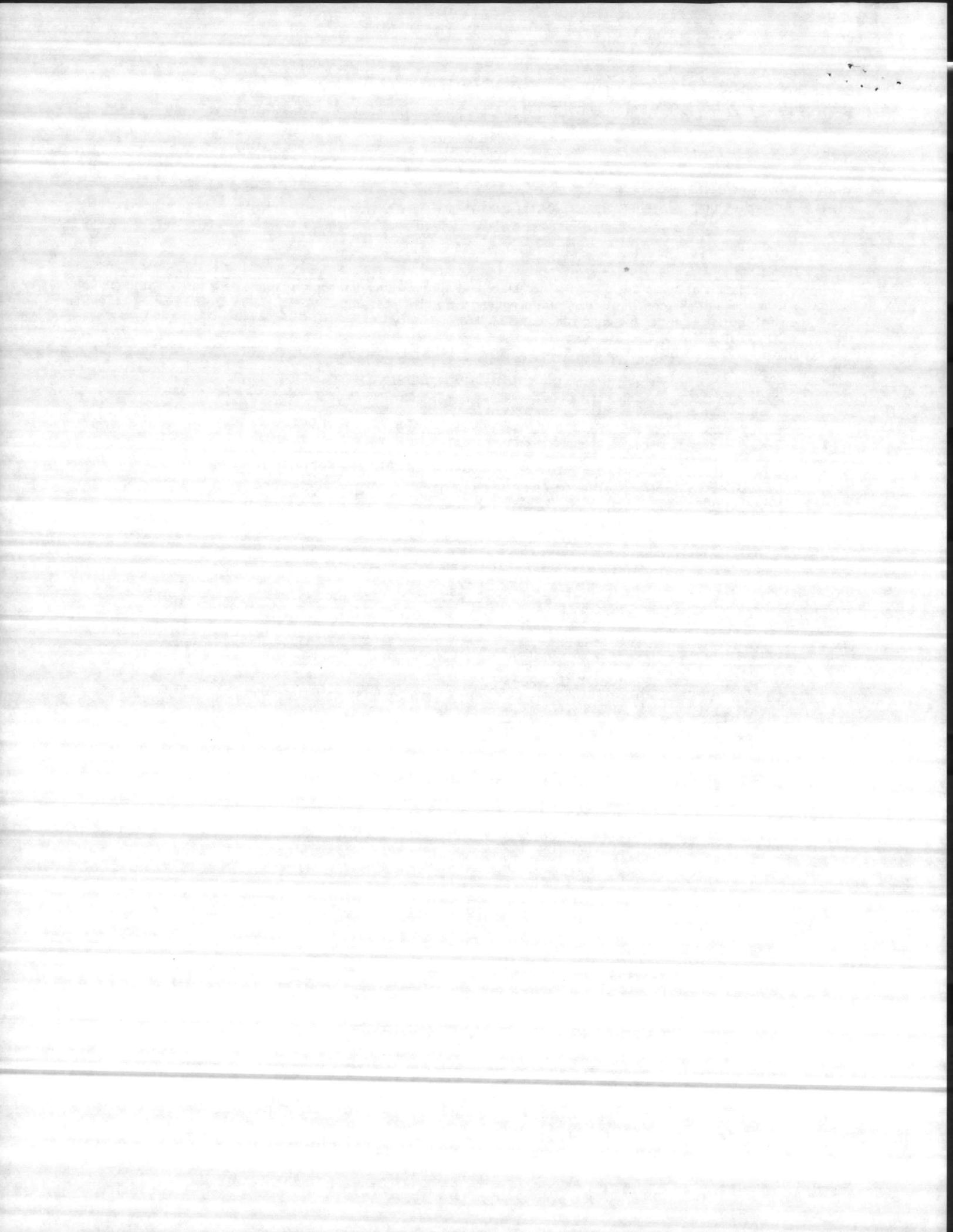
B. TANGIBLE BENEFITS (In table below compute labor savings at actual cost.)

ITEM	LABOR			MATERIAL			TOTAL (LABOR AND MATERIALS)
	Hours Per	Dollars Per Hour	TOTAL	Units Per	Cost Per Unit	TOTAL	
FORMER METHOD		\$	\$		\$	\$	\$
NEW METHOD							
SAVINGS							

4. ADDITIONAL INFORMATION AND COMMENTS

(If more space is needed, use reverse side starting with this end of the page up )

5. IS PATENT INVESTIGATION RECOMMENDED?	YES	NO	SIGNATURE OF INVESTIGATOR	DATE
6. IF CONTRIBUTION CAN BE USED ELSEWHERE, INDICATE WHERE:	ACTIVITY AND LOCATION OF INVESTIGATOR			
	APPROVING OFFICIAL			DATE



11800  
MAIN

9 MAR 1987

Base Maintenance Officer, Marine Corps Base, Camp Lejeune  
Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

MODEL INSTALLATION PROPOSAL 87-CLNC-025-FAC,  
HOT WATER EFFICIENCY

Encl: (1) AC/S Fac memo 11800 FAC of 9 Mar 87

1. The enclosure requested implementation of the subject proposal and an estimate of benefits. Only electric hot water heaters in industrial facilities are affected. The "Self Help" program within Base Maintenance will issue hot water heater blankets when requested by the facility occupant.
2. It is estimated that the savings attributable to the proposal will be negligible. A limited amount of electric hot water heaters are used in industrial facilities. The majority of units are steam hot water heaters which are equipped with insulation.

M. G. LILLEY

Copy to:  
UMACS  
OpnsBr (Attn: MSgt Campbell)

1981 JAN 20

THE FOLLOWING INFORMATION IS FOR YOUR INFORMATION ONLY  
AND IS NOT TO BE USED FOR ANY OTHER PURPOSE

CONFIDENTIAL - SECURITY INFORMATION

THE FOLLOWING INFORMATION IS FOR YOUR INFORMATION ONLY  
AND IS NOT TO BE USED FOR ANY OTHER PURPOSE  
IT IS THE POLICY OF THE UNITED STATES GOVERNMENT  
TO PROTECT THE CONFIDENTIALITY OF THIS INFORMATION  
AND TO PREVENT THE UNLAWFUL DISCLOSURE OF THE SAME  
TO ANY OTHER PERSON OR ORGANIZATION  
WHICH IS NOT AUTHORIZED TO RECEIVE THE SAME  
BY THE EXECUTION OF THIS DOCUMENT

CONFIDENTIAL - SECURITY INFORMATION

# Memorandum

11800  
FAC

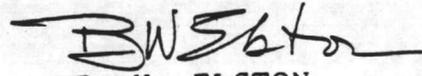
DATE: MAR 09 1987

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp  
Lejeune  
TO: Base Maintenance Officer

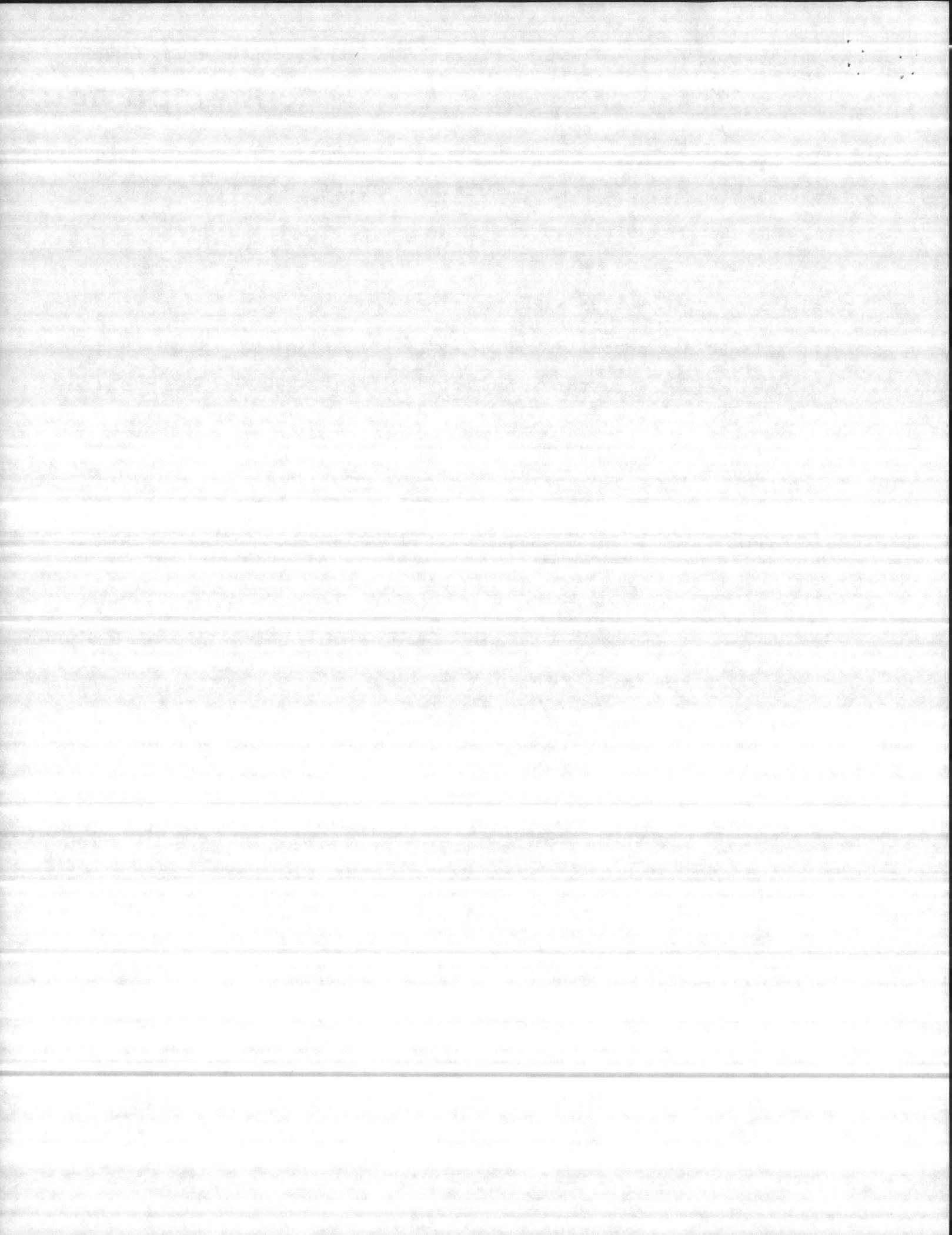
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Encl: (1) AC/S BOSMAD memo 11800 BOSM dtd 4 Mar 1987

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B. W. ELSTON  
By direction

*MIP 025- Hot water  
heater  
efficiency*



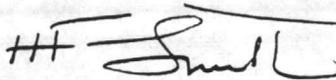
11800  
BOSM  
MAR 4 1987

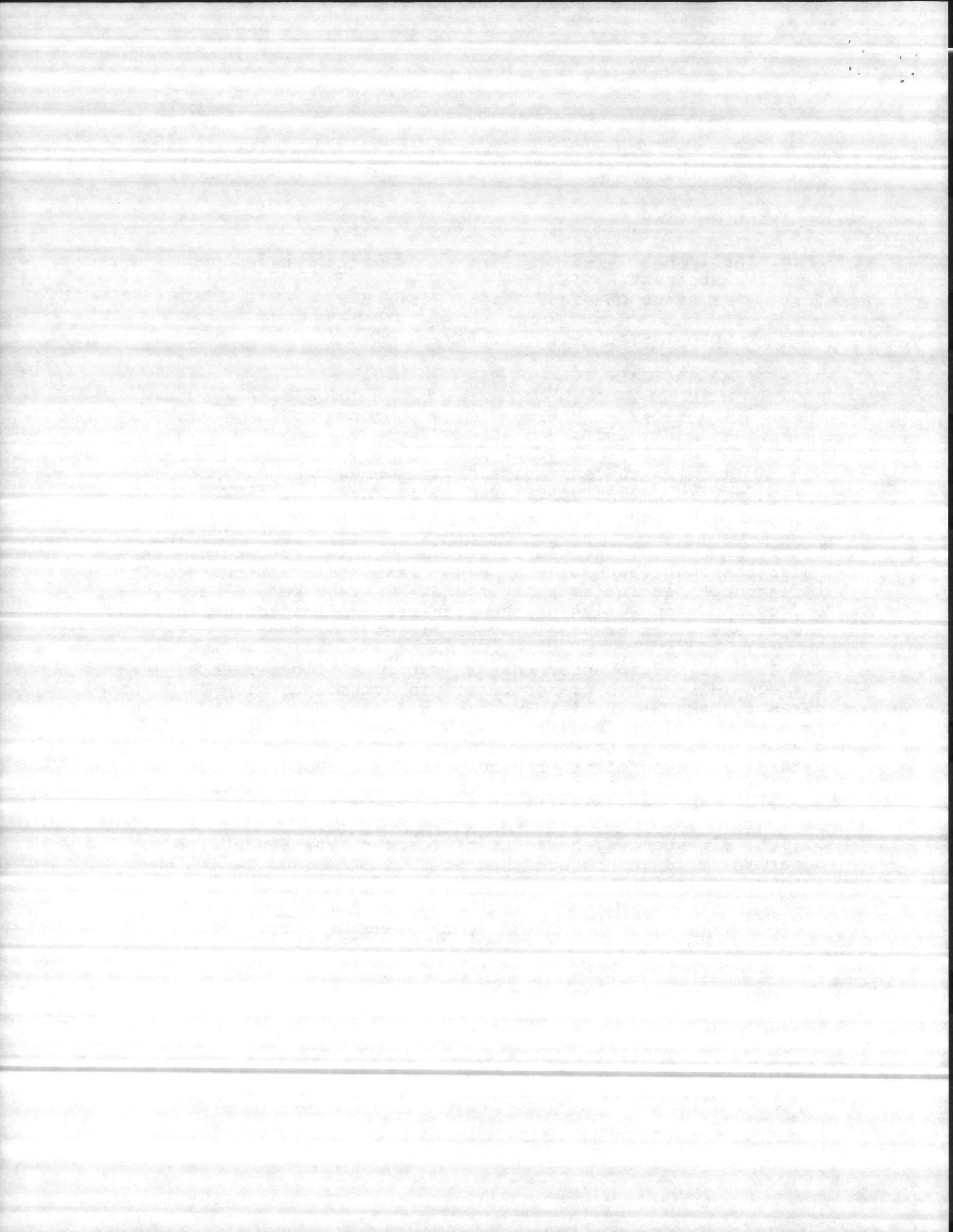
MEMORANDUM

From: Assistant Chief of Staff, Base Operational Support  
Management Assistance  
To: Assistant Chief of Staff, Facilities  
Subj: MODEL INSTALLATION PROGRAM PROPOSALS  
Ref: (a) BO 12451.2

Encl: ~~(1) MIP #86-CLNC-116-FAC, w/approval and NAVSO 5305/5~~  
~~(2) MIP #86-CLNC-137-FAC, w/approval and NAVSO 5305/5~~  
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(6) MIP #87-CLNC-025-FAC, w/approval and NAVSO 5305/5

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H. F. SMITH





# MODEL INSTALLATION PROGRAM

# PROPOSAL

## MARINE CORPS BASE CAMP LEJEUNE



**INSTRUCTIONS:**

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3. USE ADDITIONAL SHEETS IF NECESSARY.
4. FORWARD COMPLETED PROPOSAL TO AC'S, BOSMAD, MCB

DO NOT WRITE IN THIS SPACE

DATE RECEIVED

DEC 21 1956

TITLE OR SUBJECT OF PROPOSAL

PROPOSAL NUMBER

87-CLVC-25-F

HOT WATER Efficiency

NAME, TITLE, GRADE/RANK OF SUBMITTER(S)

PHONE

Randolph S. Beers HMZ O.R. Tech

5943/5940

**CURRENT PROCEDURE**

In our Bid # 907 we have 2 electric water heaters (1) 30 gal  
(1) 60 gal. Neither of which have a Thermal Insulating  
Blanket.

**PROPOSED PROCEDURE (If a directive/order must be waived to implement proposal-Identify the specific reference.)**

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for all Buildings, especially Housing. Base Maint. could  
survey all the Build. on Base, get the TOTAL # of  
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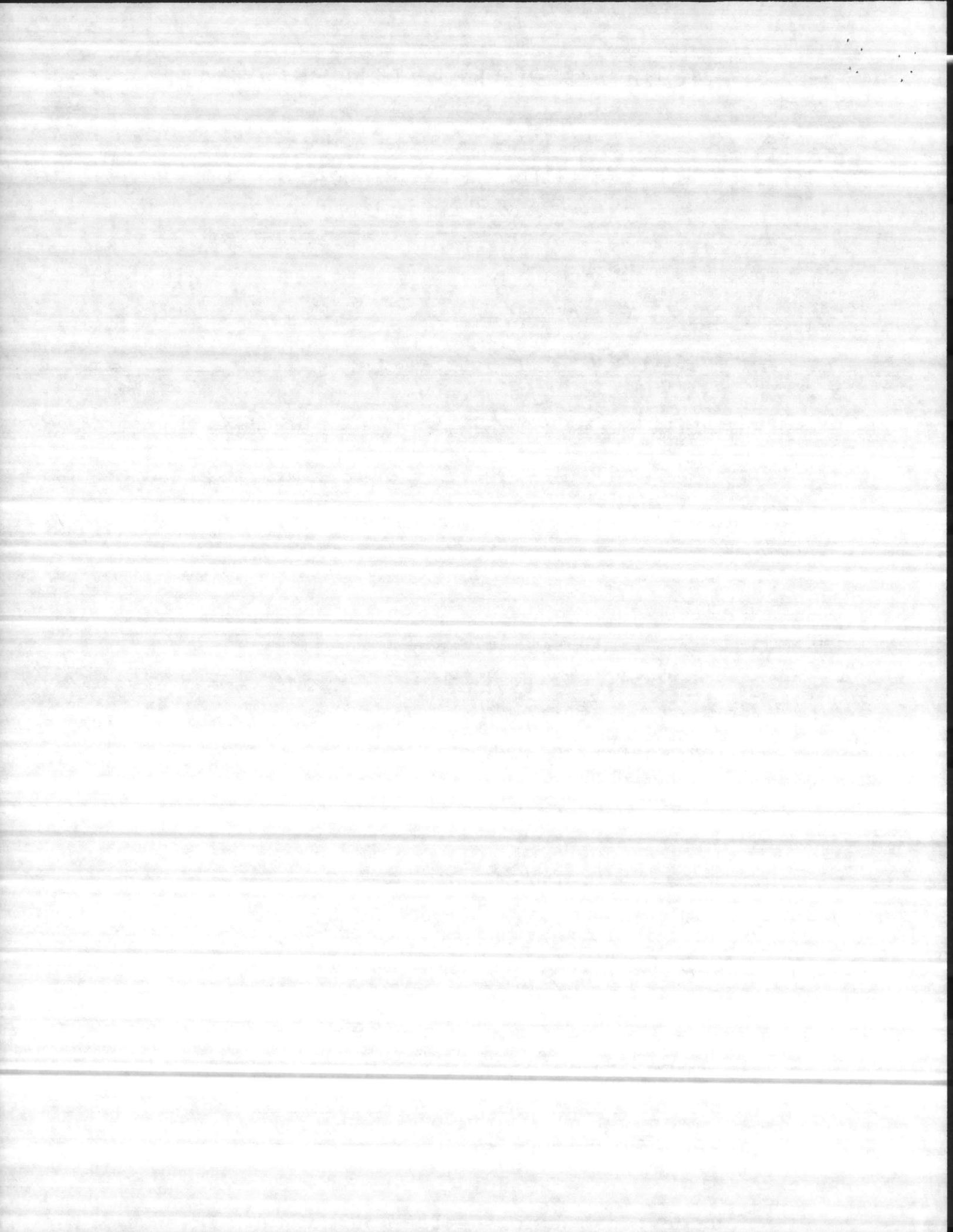
**BENEFITS/ADVANTAGES**

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Negligible in the long Run with Regards to the  
KWH of electricity and dollars saved  
As Housing Residents could install it themselves.

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Randolph S. Beers HMZ O.R. Tech  
(SIGNATURE AND DATE)

OVER  
(SIGNATURE AND DATE)



MODEL INSTALLATION PROGRAM CONTROL FORM

CLNC PROPOSAL NUMBER 87-CLNC-025-FAC		TITLE/SUBJECT OF PROPOSAL HOT WATER EFFICIENCY		
FUNCTIONAL CODE AP	DIRECTIVE N/A	LEVEL OF APPROVAL CG	DATE OF PROPOSAL	RECEIVED BOSMAD 361211
NAME/PHONE OF SUBMITTER(S) HM2 Randolph S. Beers/5993				ORGANIZATION 2d FSSG

SYNOPSIS OF PROPOSAL

Provide thermal insulating blankets for water heaters in all buildings including Housing.

FUNCTIONAL MANAGER RECOMMENDATION

DATE: 870122

AC/S, FAC

Approve

REMARKS:

See attached AC/S, Facilities memo dtd 22 Jan 87.

STEERING GROUP RECOMMENDATION

DATE:

N/A - Functional Manager Recommends Approval.

REMARKS:

COMMANDING GENERAL ACTION

DATE:

Approved:      Disapproved:      Forward to Higher Authority:     

Concept Approved-Final Approval Pending Results of Test:     

REMARKS:

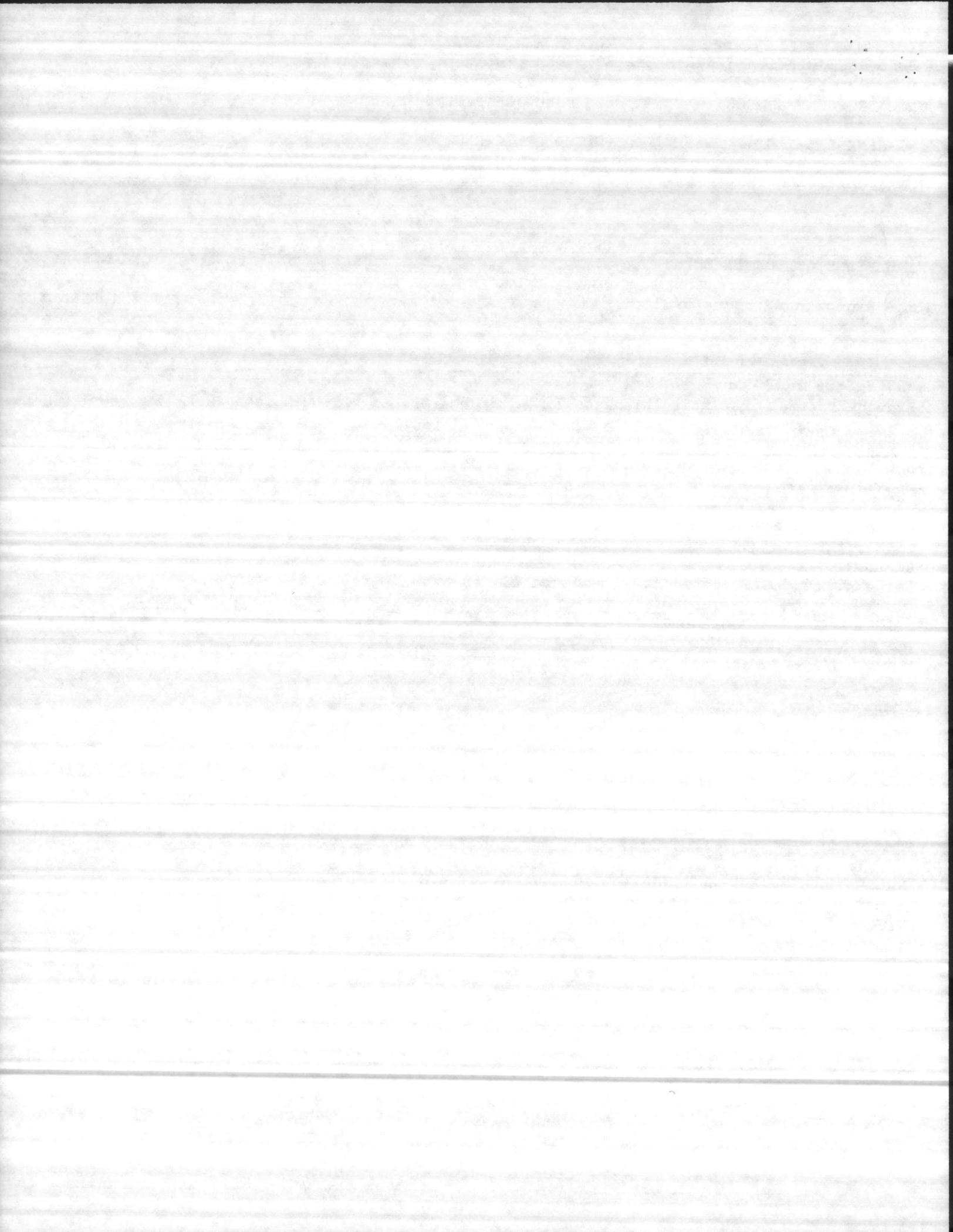
ACTION BY HIGHER AUTHORITY

FINAL ACTION

DTG OF MCBCL REQUEST:

DTG OF RESPONSE:

OTHER RECOGNITION:  
DATE SUBMITTER(S) NOTIFIED:



# Memorandum

11800

FAC

DATE: JAN 22 1987

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp  
Lejeune, North Carolina

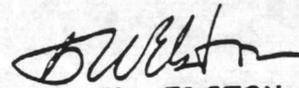
TO: Assistant Chief of Staff, Base Operational Support Management  
Assistance Division

SUBJ: MIP PROPOSAL NO. 87-CLNC-025-FAC, HOT WATER EFFICIENCY

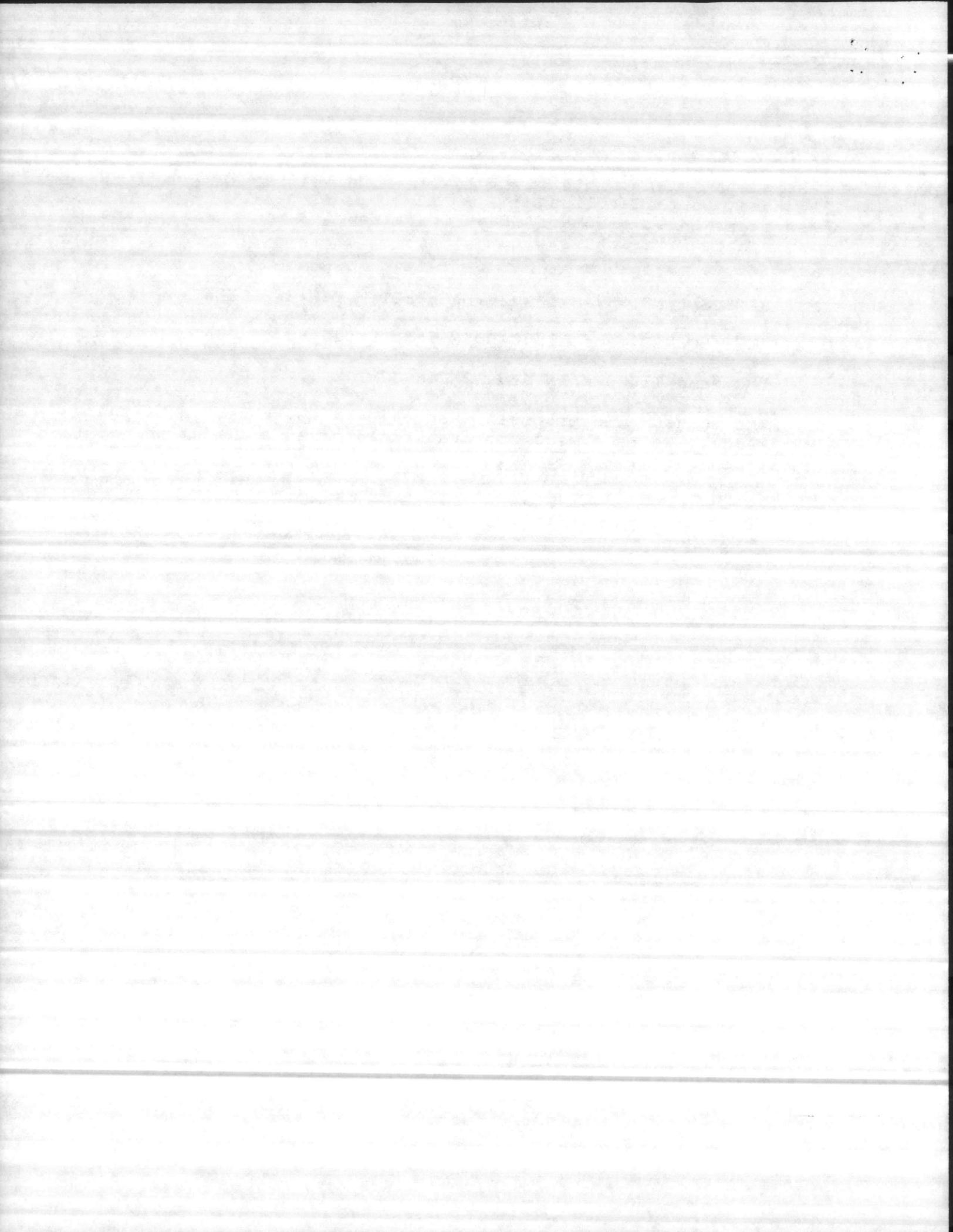
Ref: (a) AC/S BOSMAD memo 11800 BOSM dtd 15 Dec 86

Encl: (1) BMO memo 11800 MAIN dtd 12 Jan 87

1. The subject MIP proposal was reviewed as requested by the reference. We recommend approval for limited application as explained in the enclosure.



B. W. ELSTON  
By direction



# Memorandum

11800

MAIN

DATE: 12 Jan 87

FROM: Base Maintenance Officer, Marine Corps Base, Camp Lejeune

TO: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

SUBJ: MIP PROPOSAL NO. 87-CLNC-025-FAC, HOT WATER EFFICIENCY

Encl: (1) AC/S FAC memo 11800 FAC of 18 Dec 86

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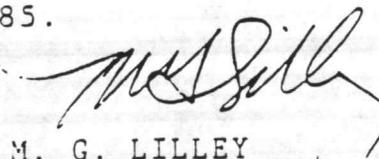
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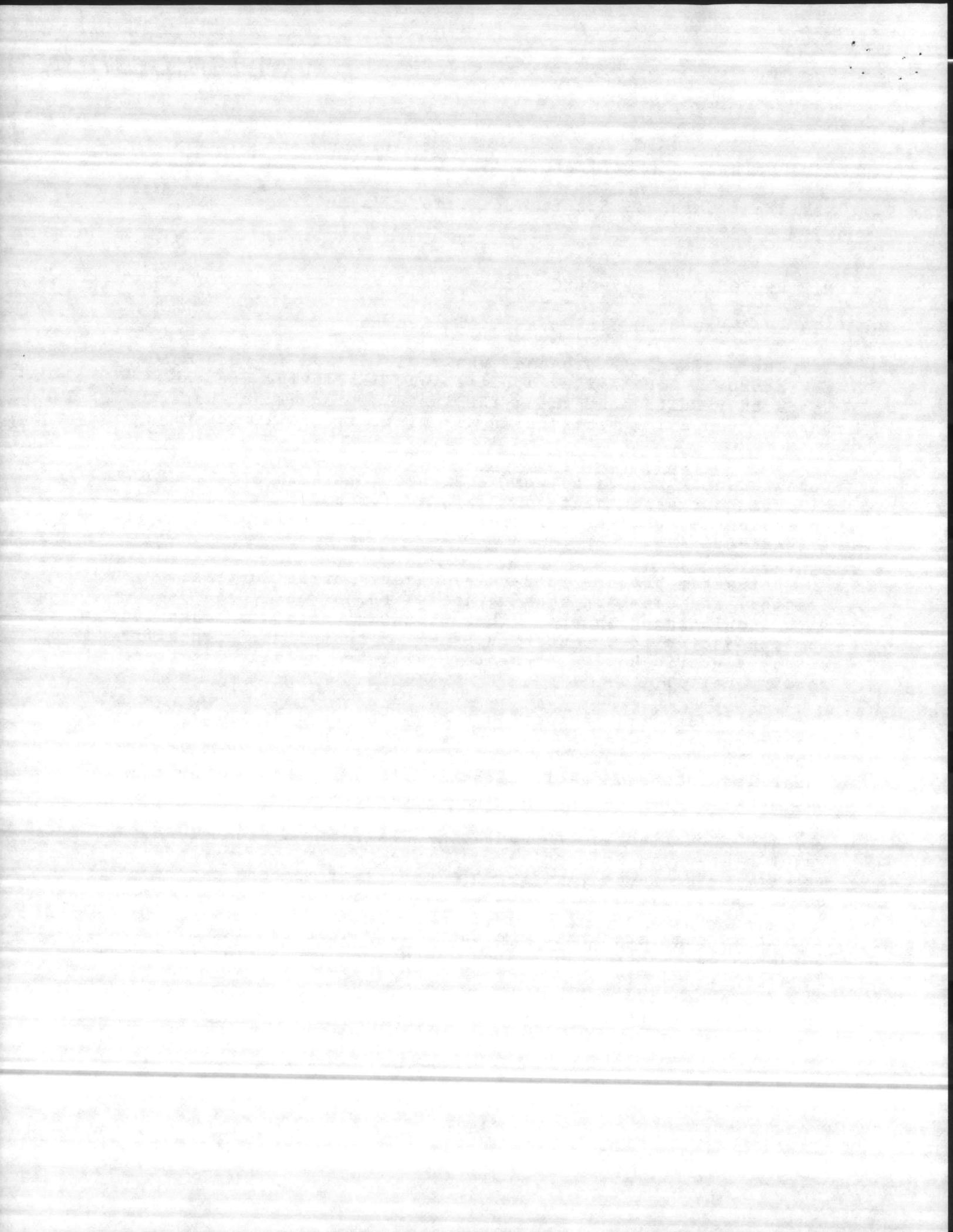
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2. It is suggested that the installation of insulating blankets on electric hot water heaters in industrial facilities be accomplished via the "Self Help" Program. Any questions concerning this proposal should be directed to Ms. Patricia Engle, extensions 5642/2985.



M. G. LILLEY



# Memorandum

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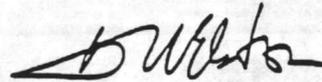
DATE: 18 DEC 1986

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp  
Lejeune  
TO: Base Maintenance Officer

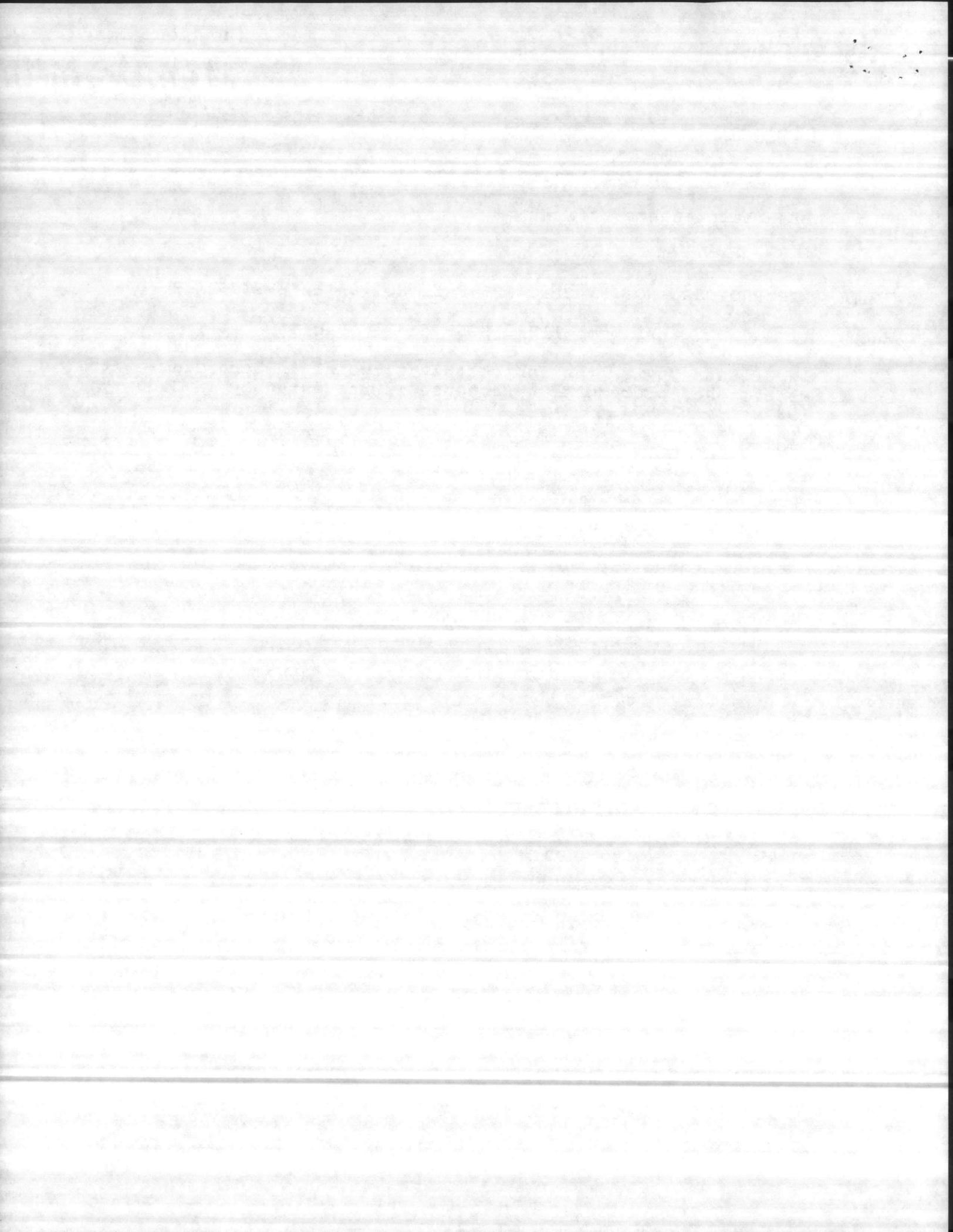
SUBJ: MIP PROPOSAL NO. 87-CLNC-025-FAC, HOT WATER EFFICIENCY

Encl: (1) AC/S BOSMAD memo 11800 BOSM dtd 15 Dec 86

1. Please review the subject MIP proposal in accordance with established procedures. Response is requested by 12 January 1987.



B: W. ELSTON  
By direction



MIP AWARDS DETERMINATION

CONTRIBUTER(S) (Name: Last, first, M.I.)

CONTRIBUTION (Number and title)

DATE RECEIVED

BEERS, Randolph S.

Hot Water Efficiency  
87-CLNC-025-FAC

POSITION TITLE, AND GRADE OR RANK/RATE

ACTIVITY OF CONTRIBUTOR(S) (Name and location)

HM2

Marine Corps Base  
Camp Lejeune, NC 28542

ORGANIZATIONAL CODE AND TITLE

Base Operational Support Management Assistance Division

TO:

DATE FORWARDED

DUE DATE

AC/S, Facilities

15 Days After Receipt

A complete evaluation of this contribution is necessary and all questions that apply should be answered. Although you may not have authority to implement the contribution, you are requested to give your opinion on its value. Do not merely state that authority to adopt the contribution is under the cognizance of GSA, VA, Treasury, etc. YOUR REPLY MAY BE USED VERBATIM IN NOTIFYING THE CONTRIBUTOR(S) OF THE RESULTS.

SIGNATURE OF AWARDS ADMINISTRATOR

ACTIVITY AND LOCATION

*Darryl R. Cassevah*

AC/S, BOSMAD

INVESTIGATION REPORT

YES

1. WILL CONTRIBUTION BE ADOPTED LOCALLY? (If "NO" give reason for nonadoption in space 4 and answer questions 5 and 6 only)

2. IS CONTRIBUTION IN OPERATION? (Complete items below)

IF "YES" GIVE DATE INSTALLED \_\_\_\_\_ IF "NO" INDICATE BELOW THE ACTION TAKEN TOWARD ADOPTION

- COMMITMENT TO ADOPT HAS BEEN MADE
- PROJECT OR JOB ORDER HAS BEEN ISSUED
- EXPERIMENTAL WORK OR TRIAL TEST IS UNDER WAY
- APPROVAL HAS BEEN REQUESTED

3. ESTIMATE OF BENEFITS

A. INTANGIBLE BENEFITS

VALUE  MODERATE  SUBSTANTIAL  HIGH  EXCEPTIONAL

EXTENT OF APPLICATION  LIMITED  EXTENDED  BROAD  GENERAL

B. TANGIBLE BENEFITS (In table below compute labor savings at actual cost.)

ITEM	LABOR			MATERIAL			TOTAL (LABOR AND MATERIALS)
	Hours Per	Dollars Per Hour	TOTAL	Units Per	Cost Per Unit	TOTAL	
FORMER METHOD		\$	\$		\$	\$	\$
NEW METHOD							
SAVINGS							

4. ADDITIONAL INFORMATION AND COMMENTS

(If more space is needed, use reverse side starting with this end of the page up )

5. IS PATENT INVESTIGATION RECOMMENDED?	YES	NO	SIGNATURE OF INVESTIGATOR	DATE
6. IF CONTRIBUTION CAN BE USED ELSEWHERE, INDICATE WHERE:			ACTIVITY AND LOCATION OF INVESTIGATOR	
			APPROVING OFFICIAL	DATE

