

ROUTING SLIP

31 JUL 1987

ACTION INFO INITIAL

BMO

DBMO

DIR, ADMIN

DIR, OPS

DIR, M&R

DIR, UTIL

OTHER

SECRETARY

COMMENTS:

*Suspension**11 Aug*

THE [illegible]

6
3

[The main body of the page contains several lines of extremely faint, illegible text, likely bleed-through from the reverse side of the paper.]

11800
MAIN
12 AUG 1987

Base Maintenance Officer, Marine Corps Base, Camp Lejeune

Assistant Chief of Staff, Facilities (Attn: LtCol Kiriacopoulos),
Marine Corps Base, Camp Lejeune

MIP PROPOSAL NO. 87-CLNC-122-FAC, WASTE INCINERATION

Ref: (a) AC/S Fac 11800 FAC of 31 Jul 87

1. As requested by the reference, the subject MIP has been reviewed and disapproval is recommended. Camp Lejeune is currently studying the feasibility of constructing a waste burning incinerator jointly with the Neuse River Council of Governments and final recommendations have not been received from the A/E performing the study. Completion of the study should be in mid-1988 and alternatives for solid waste disposal will be reviewed at that time.

M. G. LILLEY

13 AUG 1981

MEMORANDUM FOR THE DIRECTOR, FBI

DATE: 8/13/81

TO: SAC, NEW YORK (100-111111)

FROM: SAC, NEW YORK (100-111111)

RE: [Illegible text]

Memorandum

11800
FAC

DATE: JUL 31 1987

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

SUBJ: MIP PROPOSAL NO. 87-CLNC-122-FAC, WASTE INCINERATION

Encl: (1) AC/S BOSMAD memo 11800 BOSM dtd 27 Jul 87

1. Please review the enclosed MIP proposal for recommendation for approval or disapproval. Request response NLT COB 11 August 1987.
2. POC GySgt S. D. Maple, extension 3034.


K. J. KIRIAKOPOULOS
By direction

JUL 3 1981

THE BOARD OF DIRECTORS OF THE NATIONAL ASSOCIATION OF REALTORS

MEMORANDUM FOR THE BOARD OF DIRECTORS

DATE: JULY 2, 1981

RE: [Illegible text]

[Illegible text]

[Illegible signature and name]

11800
BOSM

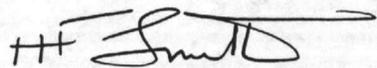
JUL 27 1987

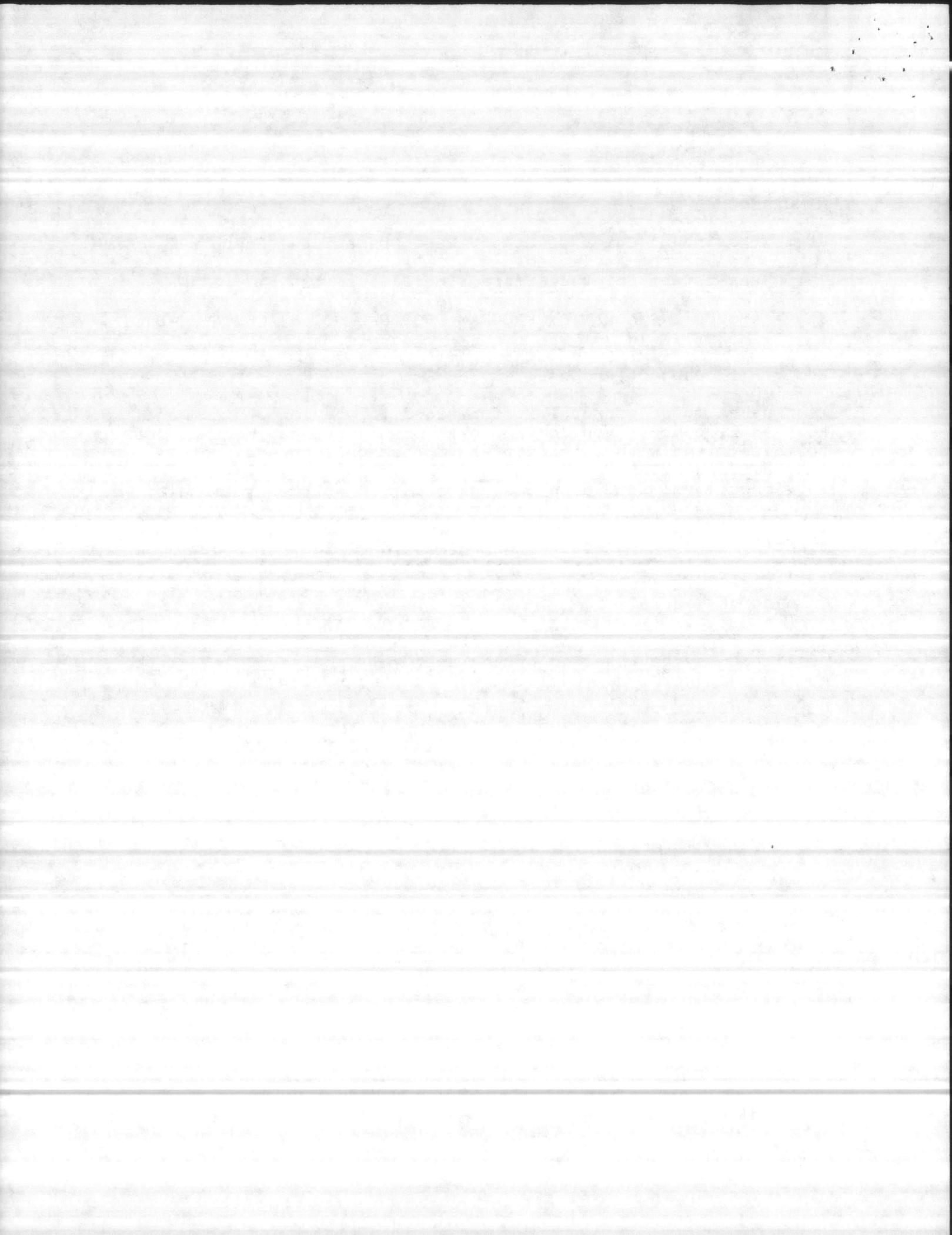
MEMORANDUM

From: Assistant Chief of Staff, Base Operational Support
Management Assistance
To: Assistant Chief of Staff, Facilities
Subj: MODEL INSTALLATION PROGRAM PROPOSAL NO. 87-CLNC-122-FAC,
WASTE INCINERATION

Encl: (1) Subject Proposal

1. The enclosed proposal is forwarded for review and comment. Request recommendation for approval or disapproval be returned to this office with an excerpt from the applicable directive within ten working days from date of receipt. Recommendation for disapproval should be accompanied by a written rationale.
2. This office will forward proposals recommended for approval directly to the Commanding General for decision. Proposals recommended for disapproval will be reviewed by the Model Installation Steering Committee prior to forwarding to the Commanding General.
3. It is recommended that any other Marine Corps Base department that may be affected by the approval or disapproval of the enclosed proposal be contacted during your review.
4. BOSMAD POC is Debbie Martin, 5521/1577.


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

16 July 87

PROPOSAL NUMBER

87-CLNC-122-FAC

TITLE OR SUBJECT OF PROPOSAL

Waste Incineration

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

Edward G. Collins, Industrial Equipment Mechanic, WG10

PHONE

451-2069

CURRENT PROCEDURE

Presently garbage is hauled to a landfill and buried, nevermore to be of any use other than taking up space.

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

My proposal is to construct a waste burning incinerator. See attached newspaper article.

BENEFITS/ADVANTAGES

This method of disposal would eliminate the amount of garbage to be buried by about 65%, it also reduces the amount of pollution coming from the landfill, plus the landfill would last much longer. This method would also make steam, which would relieve the load on central heating.

I (WE) UNDERSTAND THAT THE ACCEPTANCE OF A CASH AWARD FOR THE USE OF THIS PROPOSAL BY THE UNITED STATES GOVERNMENT SHALL NOT FORM THE BASIS OF A FURTHER CLAIM OF ANY NATURE UPON THE UNITED STATES BY ME (US), MY (OUR) HEIRS, OR ASSIGNS.

Edward G. Collins 7-13-87

(SIGNATURE AND DATE)

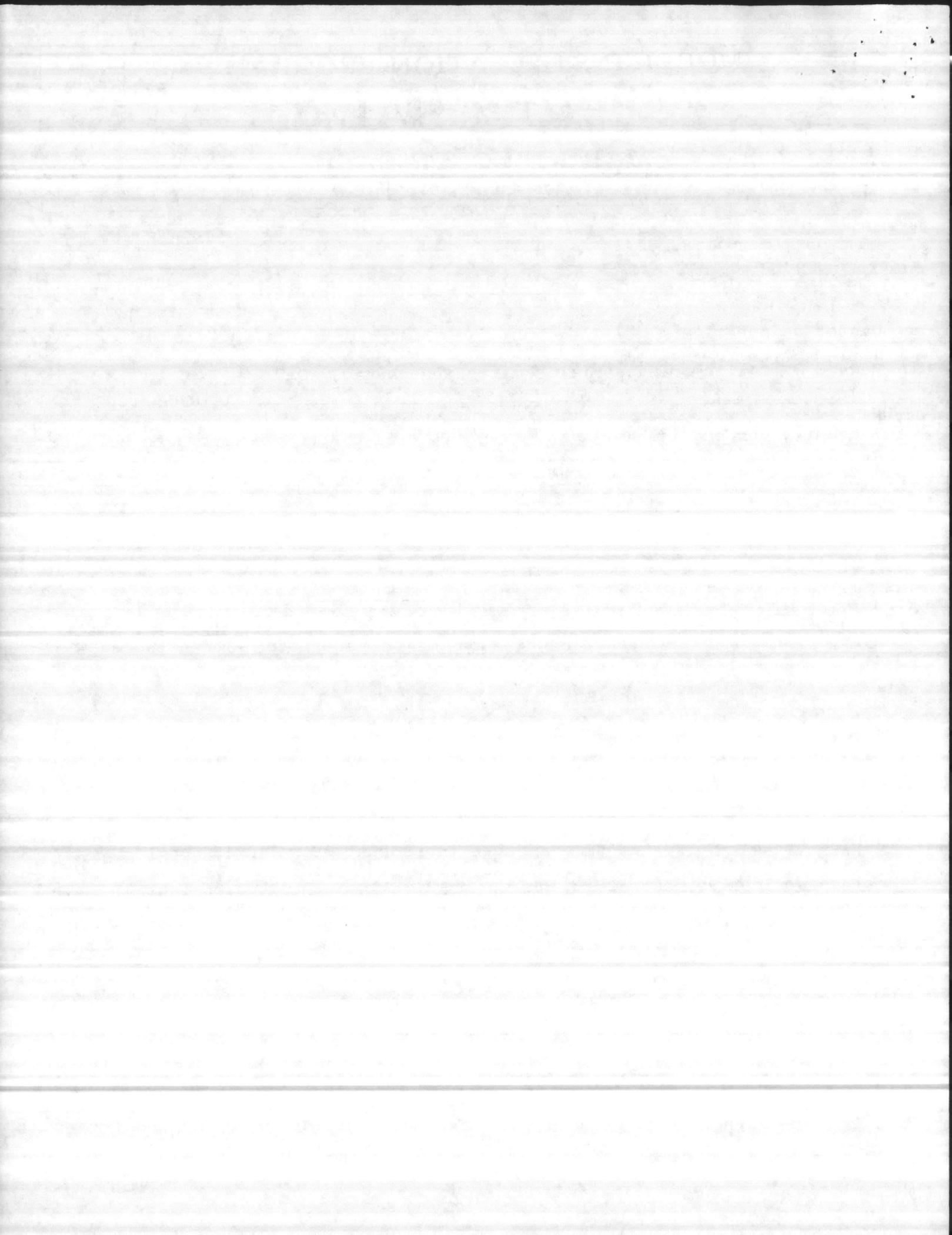
(SIGNATURE AND DATE)

MODEL INSTALLATION PROPOSAL

MCBCL 11800

Excellent Installations — The Foundation Of Defense

ENCL (1)



Waste incinerators could ease landfill problems

WILMINGTON — A 90-foot smokestack rising above a Wilmington industrial district may typify the future of garbage disposal in North Carolina.

The smokestack rises from New Hanover County's waste incinerator, where trucks haul about 200 tons of garbage each day to be burned — a process that state officials would like to see take the place of landfills statewide.

"Roughly for every 10 trucks of garbage that comes in, only one to one-and-a-half truckloads come out," County Engineer C. Ed Hilton Jr. said during a tour of the plant last week.

The incinerator — the only one of its kind in North Carolina — can't handle all of the county's garbage. The county still operates a landfill to dispose of incinerator ashes and non-burnable materials. But officials said the incinerator cut their volume of trash by more than 85 percent.

"Without this reduction of waste, that landfill would last only about 10 years," Hilton said. "With this incinerator, it will probably last about four times that."

New Hanover County voters approved plans for the incinerator after the county ran out of space at its old landfill in the 1970s and had difficulty finding a site for a new one — a situation now faced by counties statewide.

"We were the first to have to face the issue," Hilton said. "The county was in a predicament. They were in a situation where they were not going to have a place to dispose of their waste."

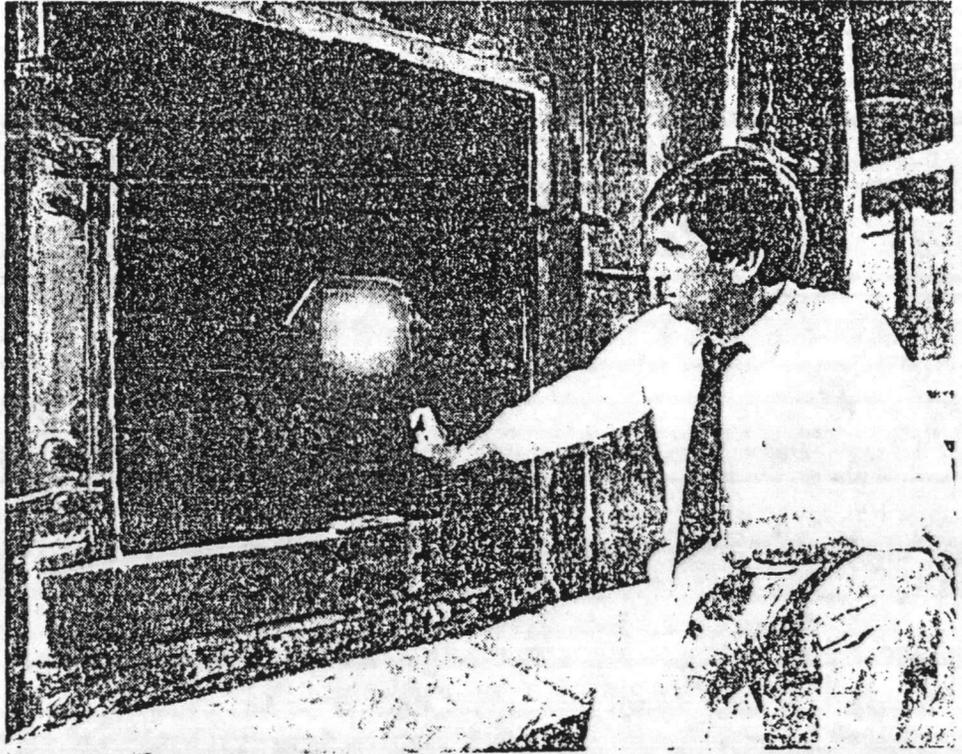
"For almost a week, Wilmington didn't have a place to put its waste," he said. "The closest place that would take our waste was in Wake County."

The \$13 million incinerator burned its first truckload of trash in June 1984 and soon exceeded its design capacity of 200 tons per day, plant operator Troy G. Flanagan said.

"We've got to bypass, say, 85 tons a day to the landfill," Flanagan said. "We're looking at doubling the capacity, but that's going to take a lot of selling to the taxpayers."

After entering the plant, trucks dump their loads into a concrete pit that can hold 600 tons of garbage. Huge cranes pick up the trash like toys in an arcade game and drop it into hoppers for the plant's furnace.

From there, a conveyor carries the trash over the furnace flames. Ashes drop through metal grat



Staff photo by Bob Bridger

C. Ed Hilton Jr., New Hanover County engineer, examines incinerator at plant near Wilmington

ings into a water filled pit, where another conveyor carries the charred remains to trucks that haul them to the landfill.

"You can actually watch the blades moving and trash coming down here — if you can stand the heat," Hilton said while crouched beside a window in the furnace door. "This thing burns at about 1,000 to 1,800 degrees."

"Between the air and the heat, the garbage burns by itself. We don't use any supplemental fuel."

Heat from the burning garbage, in fact, is used to produce steam. The plants sells much of the steam to W.R. Grace Co., a nearby agricultural chemical manufacturer. What steam the plant can't sell, it uses to generate electricity that is sold to Carolina Power & Light Co.

Revenues from steam and electric sales, plus a \$22-a-ton garbage dumping fee, cover more than 80 percent of the plant's \$4.5 million annual operating costs, Hilton said. But taxpayers still had to contribute about \$800,000 to the plant's budget last year, he said.

"Frankly, we'd be doing much

better than we are if it weren't for the oil glut," he said, adding that low oil prices had depressed prices for steam and electricity.

"You don't make money," he said. "You almost pay for what you're doing."

State officials concede that many counties could not afford to build their own waste incinerators. But they said less-populous counties could support regional facilities.

For instance, the Neuse River Council of Governments is studying disposal alternatives for the coalition of counties, cities and military bases in eastern North Carolina.

"We're looking at incineration and recycling," said Larry D. Fitzpatrick of the Onslow County Board of Commissioners. "Maybe we could have a joint incineration and recycling process for two or more of these entities. We could save the taxpayers money and make a more efficient operation."

But the big payoff from waste incinerators, state officials said, is that they reduce the amount of pollution coming from landfills.

New Hanover County's incinerator has had no significant air pollution problems, they said, and its landfill — which is lined to prevent pollutants from leaking out — has helped clean up nearby waters.

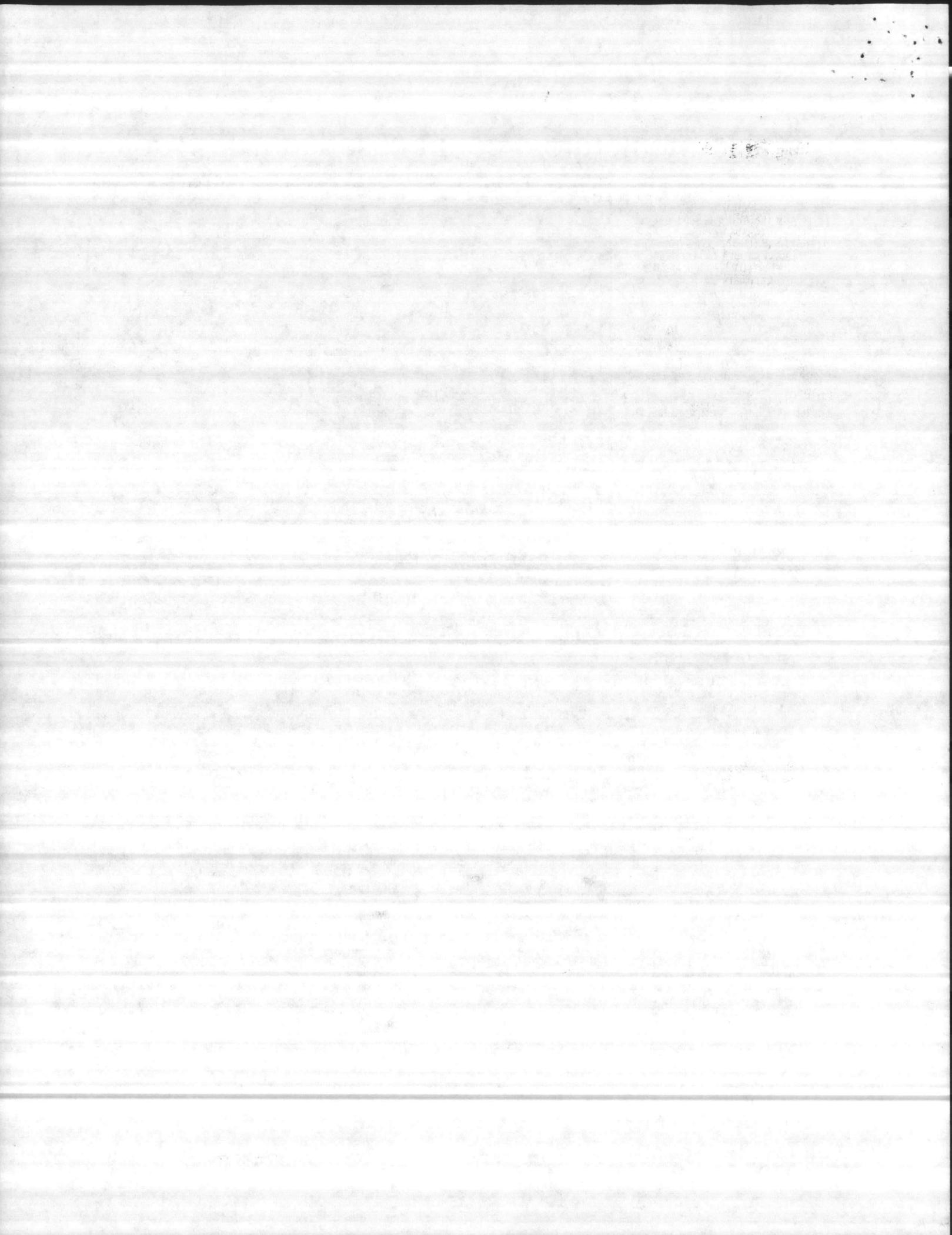
"My hat's off to them," said William L. Meyer, director of the N.C. Solid and Hazardous Waste Management Branch. "They were the ones that took this thing first. And they're making it work."

Based on three years of experience with the Wilmington plant, county engineer Hilton said he would advise other communities to consider incineration as they plan for their disposal needs.

"Garbage is such an emotional issue," Hilton said. "Nobody wants a landfill beside their home."

"When people are concerned about proper environmental control of waste production, they need to look at the big picture," he said. "For instance, is it better to put garbage in the ground, or burn it and just dispose of that ash waste? In our view, it's better to burn it."

— TOM MATHER



UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

11800
BOSM
AUG 31 1987

From: Assistant Chief of Staff, Base Operational Support
Management Assistance
To: Edward G. Collins, Base Maintenance Division
Via: (1) Assistant Chief of Staff, Facilities *BWE 9/2/87*
→ (2) Base Maintenance Officer

Subj: MODEL INSTALLATION PROGRAM PROPOSAL NO. 87-CLNC-122-FAC,
WASTE INCINERATION

Encl: (1) Subject proposal

1. Your proposal to construct a waste burning incinerator has been reviewed. Review of your proposal indicated Camp Lejeune is already studying the feasibility of constructing a waste burning incinerator jointly with the Neuse River Counsel of Governments. The study should be completed during fiscal year 88. For this reason, enclosure (1) is returned.

2. Your interest and participation in the Model Installation Program are appreciated. Any future ideas you may have which promote efficiency and cost effectiveness at our installation will be welcomed. Your continued support in helping to make the Camp Lejeune community a better place to work and live is encouraged.

H. F. SMITH

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-2001

10/11/87

11/18/87



Dear Sir:

I am writing to you regarding the proposal for the construction of a new building at Camp Lejeune. The proposal is for a building that will be used for the storage of equipment and supplies. The building is to be located on the east side of the camp, near the main entrance. The building is to be approximately 100 feet long and 50 feet wide. The building is to be constructed of concrete and steel. The building is to be finished with a light-colored paint. The building is to be equipped with a fire alarm system and a fire extinguisher. The building is to be equipped with a door that will be locked at all times. The building is to be equipped with a door that will be locked at all times. The building is to be equipped with a door that will be locked at all times.

Very truly yours,
[Signature]



MODEL INSTALLATION PROGRAM

PROPOSAL

MARINE CORPS BASE CAMP LEJEUNE

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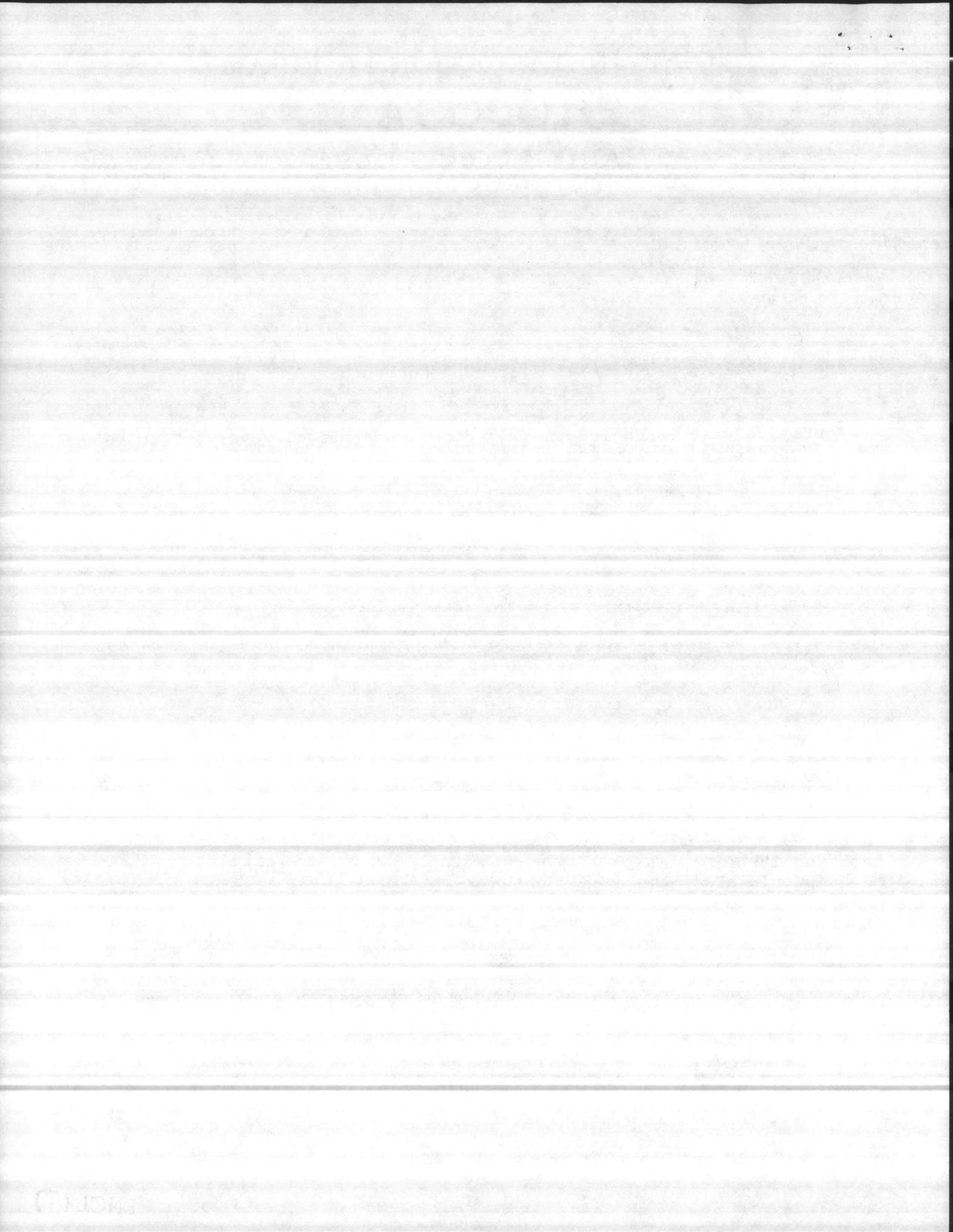
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MODEL INSTALLATION PROPOSAL

MCBCL 11800

Excellent Installations — The Foundation Of Defense

ENCL (7)



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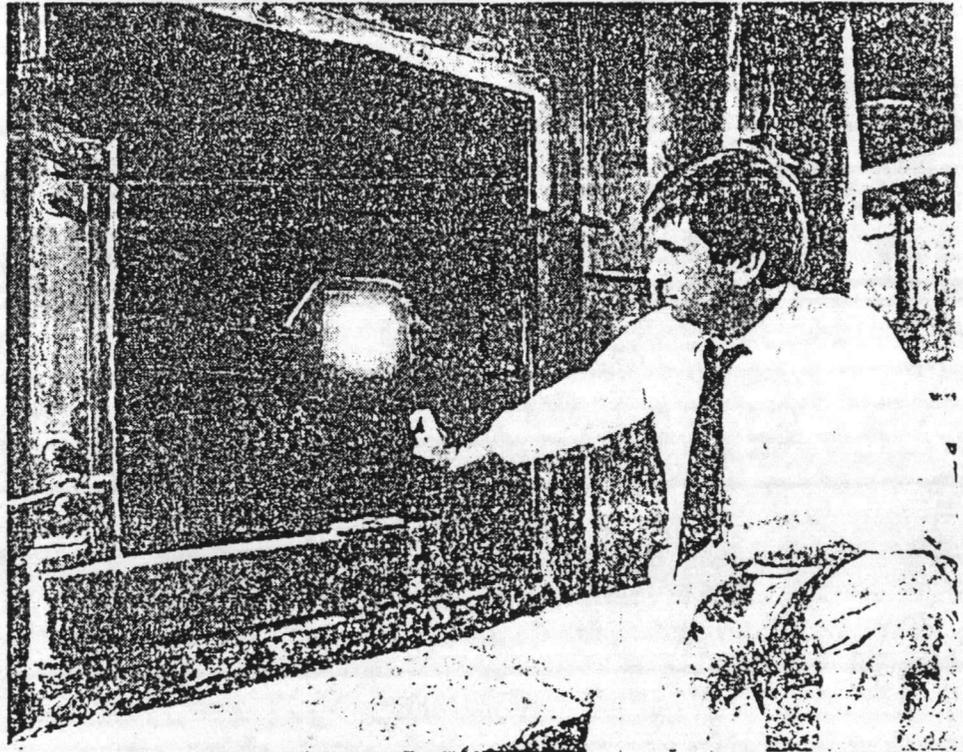
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