

77-7072
1 November 1977

25X1

MEMORANDUM FOR: Chief, Plans & Programs Staff/OL

VIA: Director of Training

25X1
FROM:

[REDACTED]

SUBJECT: Federal Government Energy Conservation (U)

25X1
REFERENCE: Memo to C/[REDACTED]/OTR from C/P&PS/OL
dtd 18 Oct 77 (OL 7-4719), Same Subject

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1. (C) In response to paragraph 2 of referent, the

[REDACTED] has not been contacted by the

[REDACTED]

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Federal Energy Conservation Management Program (FEMP) with regard to energy policy and conservation. However, certain [REDACTED] actions have already been undertaken, and other [REDACTED] actions are being contemplated. A description of these actions follows. 25X1

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2. [REDACTED] is currently turning thermostats back to 65° at night in all official buildings and is considering reducing these nighttime temperatures even further. Additionally, buildings [REDACTED] when not in use, are having their thermostats set at 50°. Training sites and other nonessential buildings have had heating and other utilities cut off entirely.

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3. (C) The char force and security guards turn off all electric lights in all buildings during non-duty hours. In addition, the [REDACTED] has introduced changes to old and obsolete outdoor lighting systems. The improved incandescent and new low-pressure sodium lighting will reduce use of electricity while at the same time providing better illumination.

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4. [REDACTED] is encouraging all [REDACTED] residents to use the abundantly available cost-free firewood in quarters fireplaces for heating their homes. Coupled with a program of installing glass-door fireplace screens, it is anticipated

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25X1 that a considerable reduction in fuel oil consumption will result. The [] is also looking into the possibility of installing fireplace grates utilizing a blower-fan system that blows fireplace heat through a hollow, tubular-type grate into the living room. Preliminary studies have shown that the blower-fan system raises the room temperature considerably and that used with glass-door fireplace screens most of the interior warm air can be retained and will not escape up the chimney flue. The more heat retained from fireplace fires obviously lessens the load on oil-fired furnaces, and fuel oil savings can therefore be expected.

25X1 5. [] is also planning to install an automatic cut-off damper to close off furnace flues while the thermostatically controlled household furnace is not in operation. The cut-off damper will thereby eliminate the loss of furnace heat through an otherwise open flue. Furthermore, in order to help reduce heat loss, additional ceiling, wall, and attic insulation will be installed where needed, and windows and door caulking improved. Also, the individually mounted room-type air conditioners in all family housing units will be covered during the winter months to prevent drafts and the loss of warm air to the outside.

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5X1 6. [] currently schedules periodic inspections of the [] oil-fired central heating plant to ensure that it meets U.S. Government operating standards and Environmental Protection Agency specifications. These inspections have resulted in certain improvements to the heating plant which have resulted in fuel oil savings. The [] is also planning 25X1 to replace the one remaining overage and deteriorating boiler in the central heating plant this Fiscal Year. This replacement boiler will result in an estimated 10% fuel oil saving over what is currently consumed by the present overage and less efficient boiler. The [] has just recently installed new water conditioner equipment in the central heating plant which is expected to reduce the scaling of boiler heating coils. This reduced scaling will accordingly lessen fuel oil requirements for the heating of the coils. Finally, the use of a small domestic-type electric hot water heater in the Public Works Section has eliminated the need for operating their larger, less efficient oil-fired boiler solely for hot water during the warmer months when building heat is not required.

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7. [redacted] is encouraging the sharing of vehicles for out-of-town trips [redacted]

[redacted] In addition, Public Works employees and others requiring [redacted] transportation are pooling vehicles where possible. Improved vehicle utilization coupled with the Executive Order requirement that "gas-guzzling" automobiles be phased out from U.S. Government use will result in further energy savings.

8. (C) As a result of a follow-up conversation between [redacted] (P&PS/OL) and [redacted] it is my understanding that the information provided will initially satisfy referent request. However, we plan to inquire of [redacted] whether they have been given any specific guidance concerning energy policy and conservation. We will cooperate with [redacted] in all ways possible in order to assure appropriate priority has been given to this matter.

[redacted]

Distribution:

- Orig & 1 - Addressee
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