

50-315

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
ENVIRONMENTAL

TO: Mr J G Keppler

FROM: American Elec Pwr Svc Corp
New York, NY
R S HunterDATE OF DOCUMENT
3-2-77

DATE RECEIVED 3-8-77

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PROP

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DESCRIPTION

Ltr trans the following:

1p

DISTRIBUTION PER S. SHEPPARD 3-3-77

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: Cook #1

ENCLOSURE

Environmental Operating Report for the period
7-1-76 thru 12-31-76.....

(19 cys encl rec'd)

2 1/2 inches

NOTE: LIC. ASST.(S) ...LTR & MAIL CONTROL
ONLY....DOCKET CLERK WILL SEND 1 CY EACH
TO EPA HQS, EPA REG, NOAA, F&W & F&D TO LIC.
ASST. SAFETY FOR DISTRIBUTION...TOTAL (5) CYS

SAFETY

FOR ACTION/INFORMATION

3-8-77

ehf

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST: (5)

*SEE NOTE

Fletcher
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NRC PDR

I & E (2)

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EXTERNAL DISTRIBUTION

LPDR: St Joseph, MI

NAT LAB: ANL

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ACRS 1 CYS SENT CATEGORY B

CONTROL NUMBER

2456^{and}
R

4 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

2257

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) are bounded and tend to zero as $t \rightarrow \infty$ if the matrix A is stable. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$ if the matrix A is not stable. It is shown that the solutions of the system (1) are unbounded and tend to infinity as $t \rightarrow \infty$ if the matrix A is not stable.

100

By

1. $\frac{1}{2}$ 2. $\frac{1}{2}$ 3. $\frac{1}{2}$

AMERICAN ELECTRIC POWER Service Corporation



2 Broadway, New York, N. Y. 10004
(212) 422-4800

ROBERT S. HUNTER

Vice President-Nuclear Engineering

March 2, 1977

Donald C. Cook Nuclear Plant Unit No. 1
Environmental Operating Report
Docket No. 50-315
License No. DPR-58

Mr. J. G. Keppler, Regional Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

Under separate cover we are sending to you two copies of the Environmental Operating Report for the Donald C. Cook Nuclear Plant Unit No. 1 covering the period July 1, 1976 to December 31, 1976. Twenty copies are being sent directly to Dr. Ernst Volgenau, Director, Office of Inspection and Enforcement and forty copies are being sent by separate letter to Mr. George W. Knighton, Chief Environmental Projects Branch No. 1, Division of Reactor Licensing.

Very truly yours,

R. S. Hunter

RSH:mam

cc: Dr. E. Volgenau, NRC (20)

R. W. Jurgensen - Bridgman (2)

G. Charnoff (1)

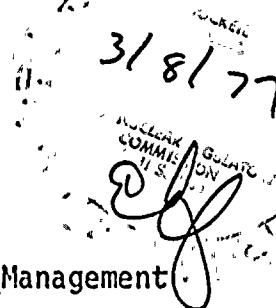
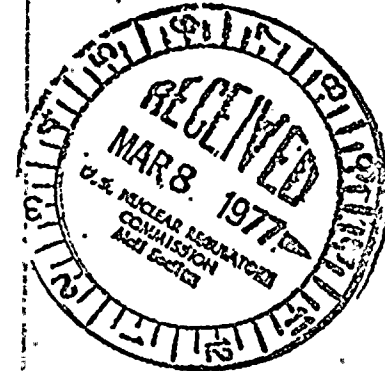
R. C. Callen (1)

R. J. Vollen (1)

P. W. Steketee (1)

R. Walsh (1)

W. G. McDonald, Director, U.S.N.R.C., Office of Management
Information and Program Control (2)



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