THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

250 PARK AVENUE • NEW YORK, NEW YORK 10017 • 212/687-2675

May 6, 1974

TO: MEMBERS OF THE VINYL MONOMERS AND PVC PRODUCERS AD HOC COMMITTEE

Gentlemen:

The attached questionnaire is an attempt to gather some data which could be used in a presentation at OSHA hearings on a permanent standard for vinyl chloride monomer.

The basic concept is that there are many polymerization and monomer plants in which there have been no cases of angiosarcoma. We must show that significant numbers of people are involved and that these people have been exposed long enough for the disease to become evident. We must also try to show what degrees of severity of exposure occurred in these operations. We must at least derive the implication that TWA exposure levels were at least 50 ppm and possibly higher.

Since we do not know when a permanent standard will issue, we must plan for the worst and handle this like a "crash" program. Please try to complete this form and return it to SPI offices by May 15, 1974 at the latest.

Cordially,

Thomas J. McGrath

Thomas J. McGrath
Director of Packaging Services

TJM/mm
att.

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QUESTIONNAIRE ON VINYL CHLORIDE EXPOSURE

Exposure Levels:

1. Odor of vinyl chloride monomer present throughout much of the day. From years 1953 to 1965. Cold room
2. Odor of VCM present occasionally during the work day. From years 1963 to 1963.
3. Odor of VCM a rare event in any work day. From years 1963 to Present.
4. Have there been process or processing changes introduced which have resulted in an increased escape of VCM. List years when these occurred.
   No.
5. Have there been process or processing changes introduced which have resulted in a reduction in the escape of VCM. List years when these occurred.
   1963, 1971, 1973.
6. Do you have environmental measurements prior to 1970?
   Yes 2 No ✓.

Personnel Exposure Data:

1. When did the plant start to work with VCM?
   Give year 1953.
2. How many employees are working with VCM?
   Give number 140.
3. How many employees are still working for you who once worked with VCM but do not do so now?
   Give number 60.
4. Of the persons identified in 2 and 3 above give the number who have been exposed for the following time intervals.

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More than 1 and up to 10 years	133
10 and up to 15 years	50
15 and up to 20 years	15
20 and up to 25 years	
25 years and more	

5. Of the persons identified in 2 and 3 above give the number falling within each latent period given below and considering only employees with more than one years service. A latent period is the time lapse from first exposure to the present date.

More than 1 and up to 10 years	50
10 and up to 15 years	133
15 and up to 20 years	15
20 and up to 25 years	
25 years and more	

Data From Current Examination Programs

1. Give the number of persons who have been examined since January, 1974. 589.

2. Were liver profile studies made?
Yes ✓ No _____.

3. Did the studies include at least bilirubin, SGOT, LDH and alkaline phosphatase?
Yes ✓ No _____.

4. How many of those examined showed an abnormality in:

one test	117
two tests	7
three or more tests	1

5. Have you had any cases of angiosarcoma?
Yes _____ No ✓.

6. Was this determination made by your own survey?
Yes ✓ No _____.

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7. What per cent of the total exposed population was covered in the survey? 100% 99%

8. Were retired personnel included?
Yes ✓ No _____.

9. Were persons who had left your employ and gone to work elsewhere included?
Yes _____ No ✓.

10. Did you review causes of death of those who died while still employed by you?
Yes ✓ No _____.

11. Did your plant participate in the Tabershaw-Cooper epidemiologic survey?
Yes ✓ No _____.

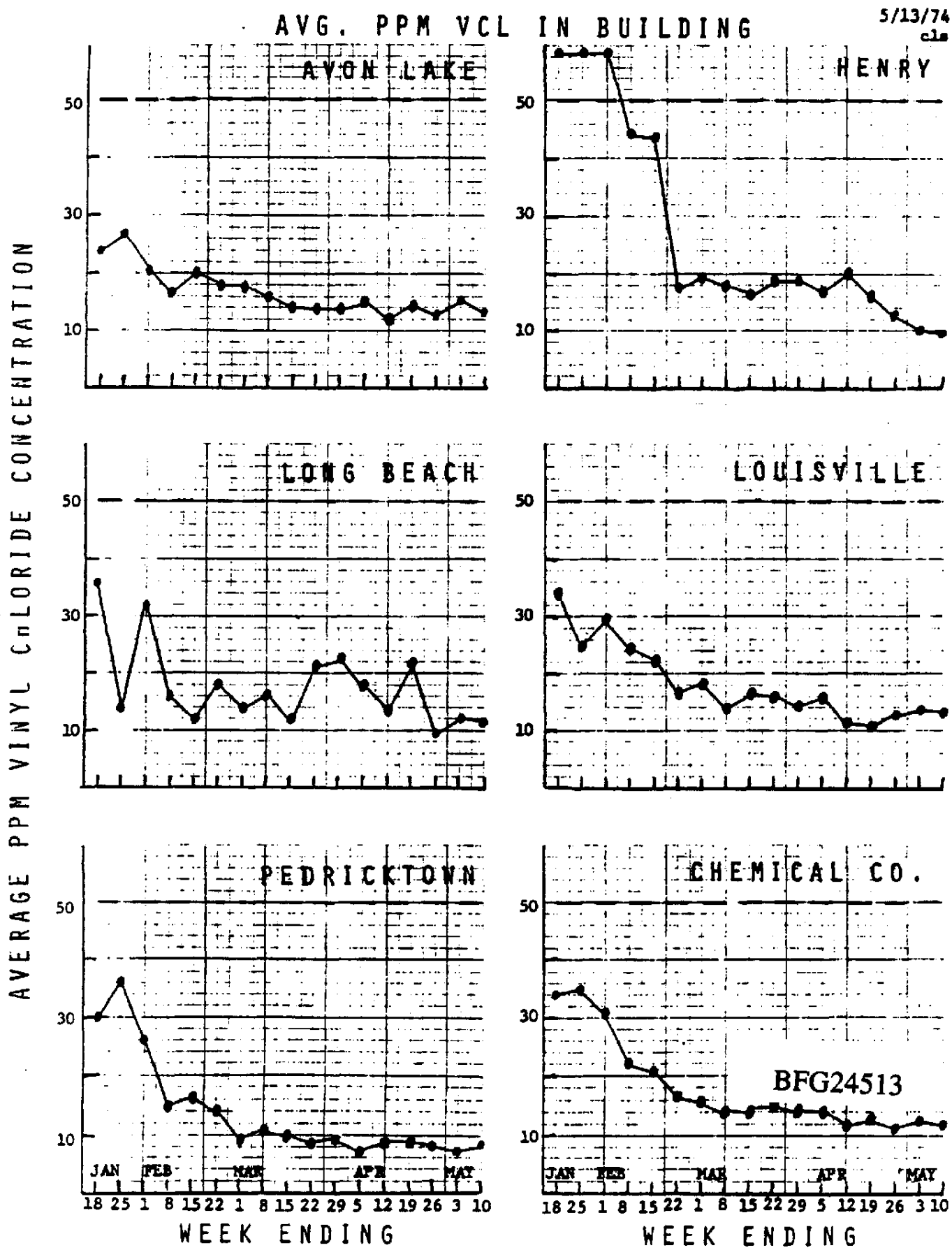
May 3, 1974

Since 1965 - the EDC
has pulled out the
2nd total who
have died from
a U of

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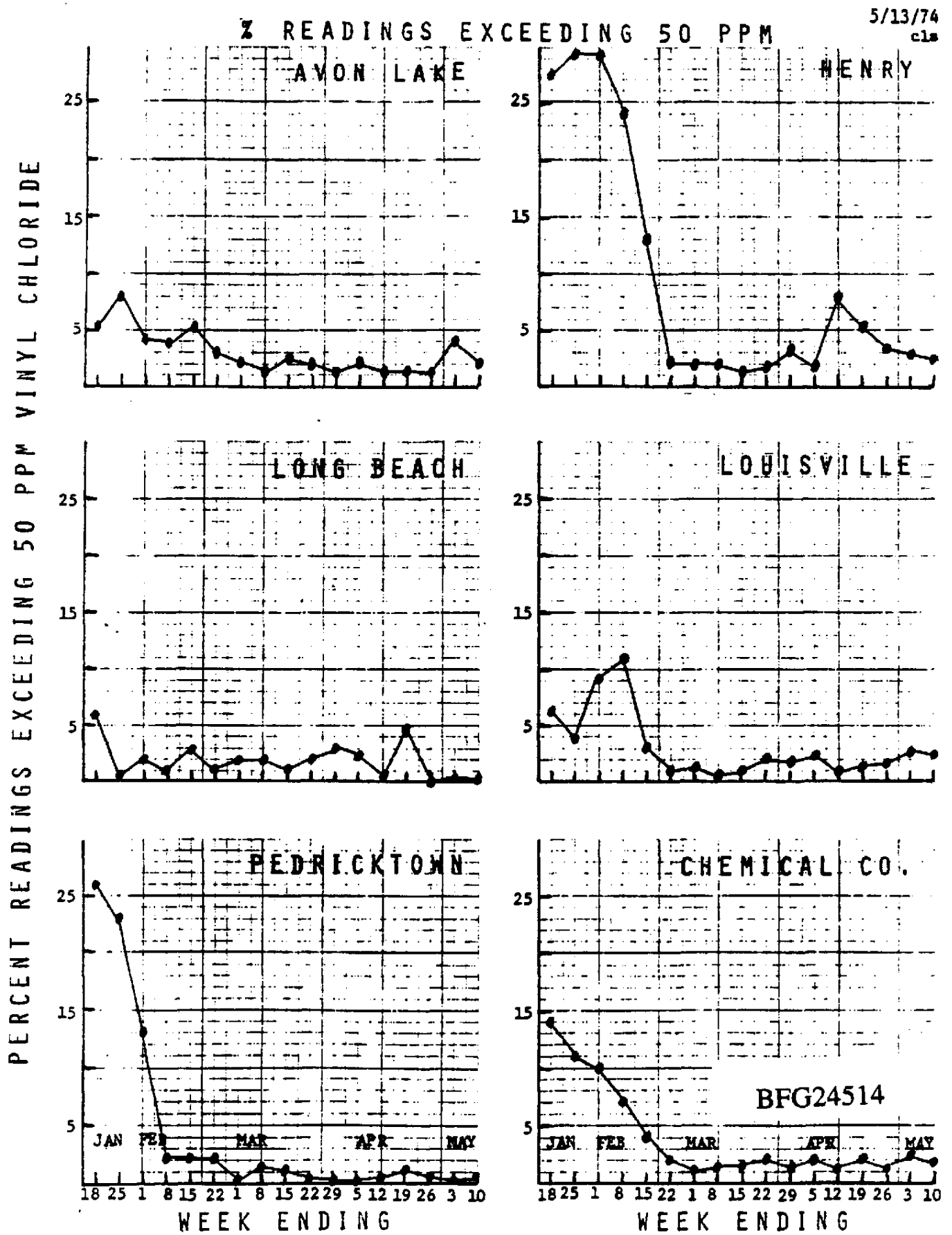
AVG. PPM VCL IN BUILDING

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% READINGS EXCEEDING 50 PPM
5/13/74
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AVON LAKE
HENRY
LONG BEACH
LOUISVILLE
PEDRICKTOWN
CHEMICAL CO.
PERCENT READINGS EXCEEDING 50 PPM VINYL CHLORIDE
25
15
5
JAN
FEB
MAR
APR
MAY
18 25 1 8 15 22 1 8 15 22 29 5 12 19 26 3 10
WEEK ENDING
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