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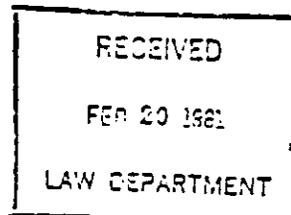
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Enclosed please find a research proposal with attachments from Dr. Vernon Riley and colleagues that deals with the physiology of stress. We are requesting that the first year of the proposed three-year program be funded as a CTR Special Project in the amount of \$155,000.

Dr. Vernon Riley is a senior researcher from the Pacific Northwest Research Foundation in Seattle who has concentrated on the physiological effects of stress for the past 10-15 years. His experiments have emphasized the measurement of physiological response in animals to external, quantifiable levels of stress. Dr. Riley is regarded as one of the leading authorities in the area of stress and cancer.

The proposed program seeks to further define physiological responses to stress in animals including primates and proceed to such measurements in human subjects. Dr. Riley believes that it is feasible to detect and measure certain biochemical variables in humans that are associated with anxiety stress. Dr. Riley plans to arrange for the human experimentation part of the program through his association with the Fred Hutchison Cancer Research Center in Seattle.

The Riley program has been discussed on several occasions by Ernie Pepples and his industry research group. Dr. Alex Spears and Bill Shinn both believe that it is an important area

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of investigation and one of great interest to the industry.
Dr. Gardner also believes that the program has scientific merit
and should be supported.

We recommend that the Riley research proposal be funded
for one year. If the researchers demonstrate sufficient progress
during this period, we anticipate asking for support for a second
year.

Your earliest possible response regarding this proposal
is appreciated.

Sincerely,

Patrick M. Sirridge
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PMS:sh

Enc.

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