PAGE 6

ER L. A.?

ye-Stinging Smog a For Tucso

By PETER STARRETT

Los Angeles - type smogthe kind that irritates the eyes-can be expected here in the future, Dr. James McDonald told a meeting of Young Democrats yesterday.

Asked how soon he expected this to happen in Tucson and Phoenix. McDonald uation so confusing and ex-said it is difficult to put a time measurement on it, but is that officials have taken that it would be reasonable to expect it within the next 10 years if nothing is done to prevent it.

McDonald, senior physicist at the University of Arizona's Institute of Atmospheric Physics, urged his hearers to do all they could to get the Arizona Legislature to reconsider the appropriation of funds for study of the growing smog problem.

McDonald explained that the only regular measure-ments of air pollution in the state now are taken at the University of Arizona. Regular measurements should be it," he warned. taken at several more points

in Tucson and at a variety finally concluded that the eye of points in Phoenix right irritation comes from certain now if the problem is to be hydro-carbon particles that solved, McDonald said.

McDONALD stresed that it is easy to go off with "halfcocked assumptions" about what is causing smog. He added that one of the things that has made the smog sitall sorts of actions without really understanding what is causing the problem.

The chief problem that concerned researchers in Los Angeles was the matter of eye irritation, McDonald said. In Tucson and Phoenix, we are primarily concerned about the haze that cuts down visibility and blocks out sunlight. They may be two different problems entirely, he said.

But Arizona's cities should be concerned about both and should be looking ahead toward the eye-irritation phase. "It is coming—we can expect

Los Angeles researchers

come from automobile ex-haust. To date, no one has invented a means of preventing these.

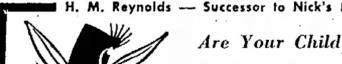
THE BUILDUP of this substance can be measured best by the amount of gasoline that is burned annually by each vehicle in the metropolitan area. In Los Angeles, the amount is up to about 730 gallons per car, per year.

In Pima County, it now is about 645 gallons per car, per year. But consumption in both Pima and Maricopa counties doubled in the last nine years and can be expected to double again within the next 10 years, McDonald calculates.

There are other factors of the atmosphere involved, but in general, McDonald says, it is logical to guess that eye irritation will be a problem here within the next 10 years.

He adds that measurements being taken at the university have shown, on a few days in the past year, that the eyeirritant level here has come within 10 per cent of the alarm level set up in Los Angeles.

See Story Page One



Are Your Children