

JUL 10 1981

Docket No.: 50-389

MEMORANDUM FOR: Multiple Addressees

FROM: V. Nerses, Project Manager, Licensing Branch No. 3, DL

SUBJECT: AMENDMENT 4 OF ST. LUCIE 2 FSAR

Document Management Branch notified me on 7/6/81 of the receipt of Amendment 4. The amendment will be distributed within the next few days. If you have not received your copy by 7/14/81, please notify me.

Victor Nerses, Project Manager
Licensing Branch No. 3
Division of Licensing

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OFFICE	DL:LB#3	DL:LB#3					
SURNAME	VNerses, wt	FMiraglia					
DATE	7/9/81	7/10/81					

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

The figure consists of seven subplots arranged horizontally, each representing a different value of time \$t\$: 0, 1, 2, 3, 4, 5, and 8. Each subplot shows the probability density function \$P(x)\$ as a function of position \$x\$. The horizontal axis (\$x\$) spans from -10 to 10, and the vertical axis (\$P(x)\$) spans from 0 to 0.001. At \$t=0\$, the distribution is a sharp peak at \$x=0\$. As \$t\$ increases, the peak moves to the left, reaching \$x=-10\$ by \$t=8\$. The shape of the distribution also evolves, becoming broader and more complex as it moves.

$\frac{1}{n} \sum_{i=1}^n \log p_i = -\frac{1}{n} \sum_{i=1}^n \log p_i$

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were cultured in YEA medium for 24 h at 28 °C. The cell concentration of the strains was adjusted to 10⁸ cells/ml. The cell suspension was then diluted to 10⁶, 10⁷, 10⁸, 10⁹, and 10¹⁰ cells/ml. The cell suspension was then inoculated into the plant tissue. The transformation efficiency was determined by the number of transformants per plant. The data were presented as the mean ± SD of three independent experiments.

Figure 1.

3000 2000 1000 0

1990

Number of children	Actual (Number of children not in school)	Ideal (Number of children not in school)
0	0	0
1	1	0
2	2	0
3	3	0
4	4	0
5	5	0
6	4	1
7	3	2
8	2	3
9	1	4
10	0	5

10

2000

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2. 0