

U.S. NUCLEAR REGULATORY COMMISSION

RAS 12714

In the Matter of System Energy Resources, Inc.

Docket No. 52-009-EX

Official Exhibit No. SERI-29

GGNS

SERI Exhibit 29

OFFERED by: Applicant

Intervenor

EARLY SITE PERMIT APPLICATION
PART 3 - ENVIRONMENTAL REPORT

NRC

or

IDENTIFIED on 11/29/06

SS/Panel

TABLE 5.4-8

Action Taken:

ADMITTED

REJECTED

WITHDRAWN

Reporter/Clerk

LIQUID PATHWAY

COMPARISON OF MAXIMUM INDIVIDUAL DOSE TO
10 CFR 50, APPENDIX I CRITERIA

Estimated Maximum Individual Dose from Liquid Effluents
(mrem/yr, Per Unit)

Pathway	Annual Dose Total Body ²	Maximum Organ (bone) ³	Dose Limit ¹
Aquatic Foods	2.17	4.09	Total Body: 3 Any organ: 10
Shoreline Use	3.06E-03	3.56E-03	
Total	2.17	4.10	

NOTES:

1. 10CFR50 Appendix I Limits.
2. An adult was found to receive the maximum individual total body dose.
3. A child was found to receive the maximum individual organ dose.

Rev. 1

Template = SECY-028

SECY-02

DOCKETED
USNRC

2006 DEC 15 PM 3: 17

OFFICE OF THE SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF