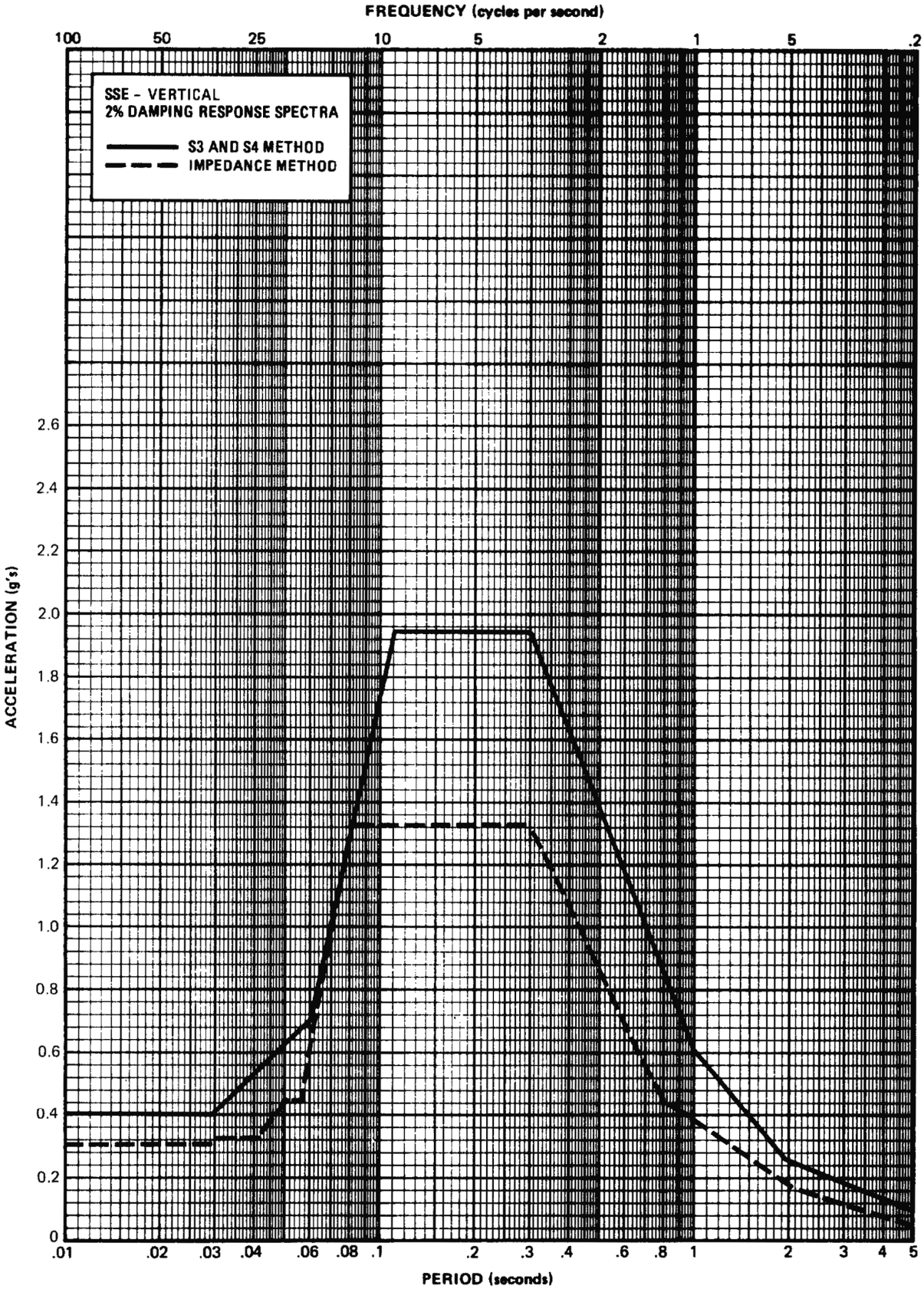
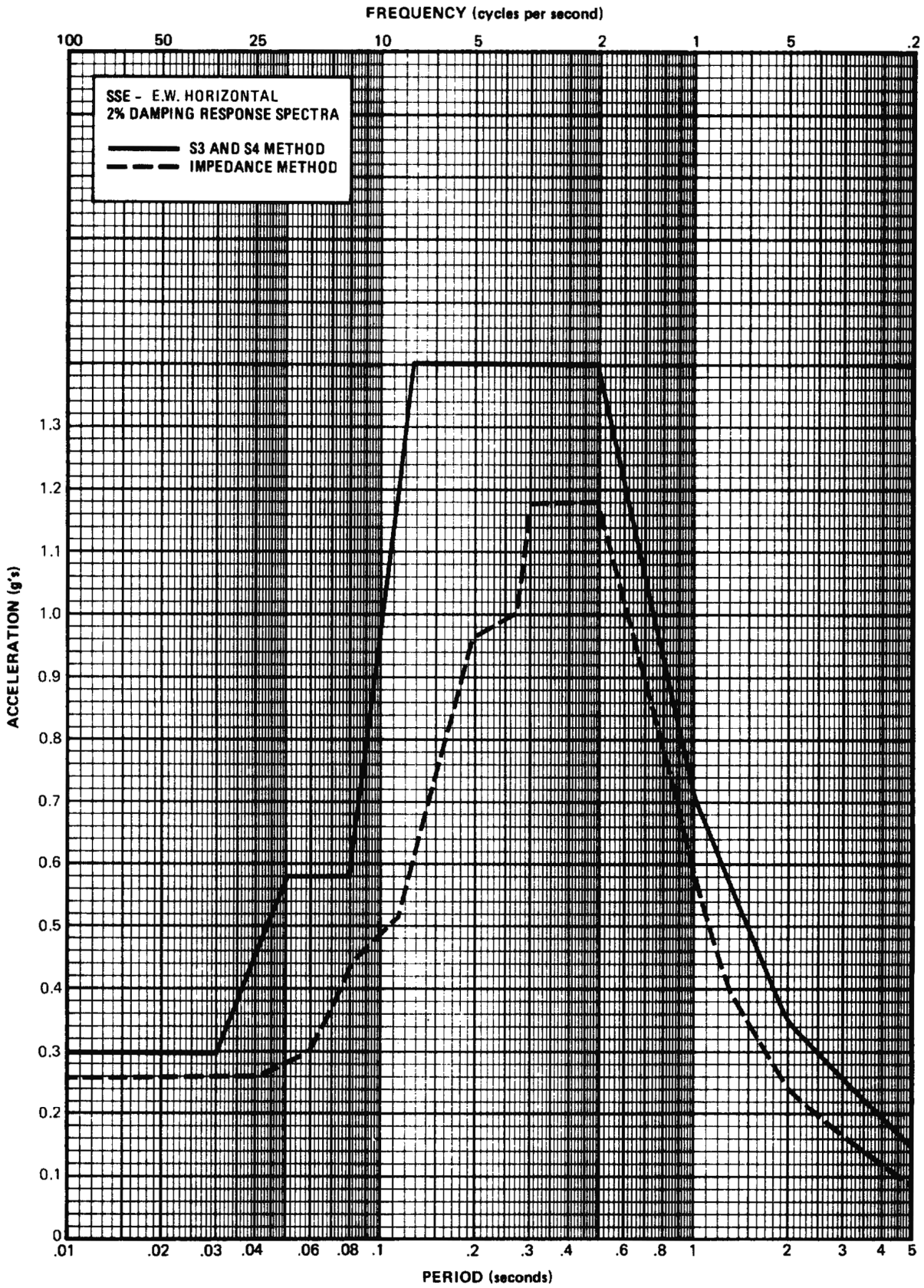


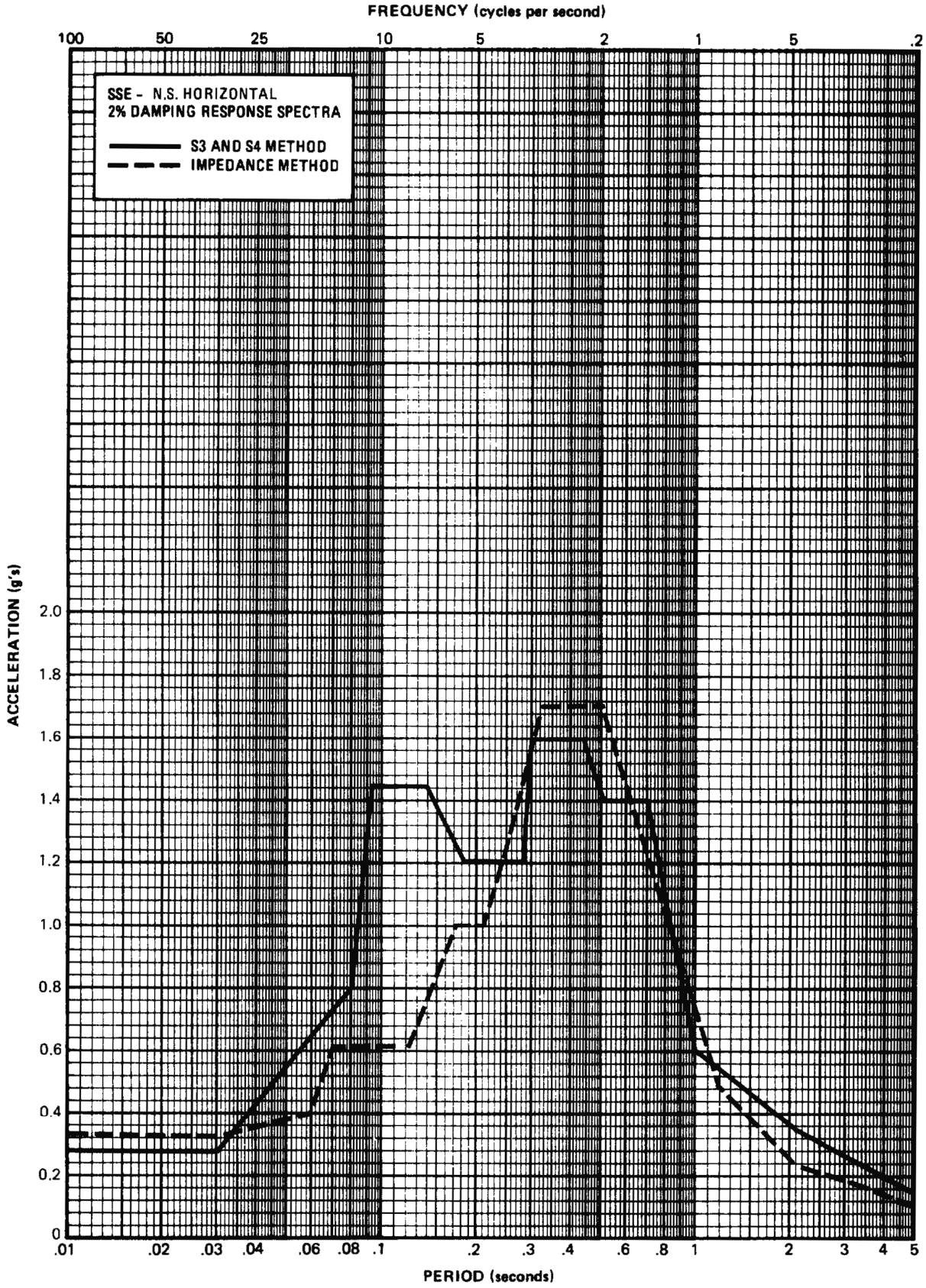
REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	CONTROL BUILDING EL. 180 FT. BASEMAT
		FIGURE 3D–93



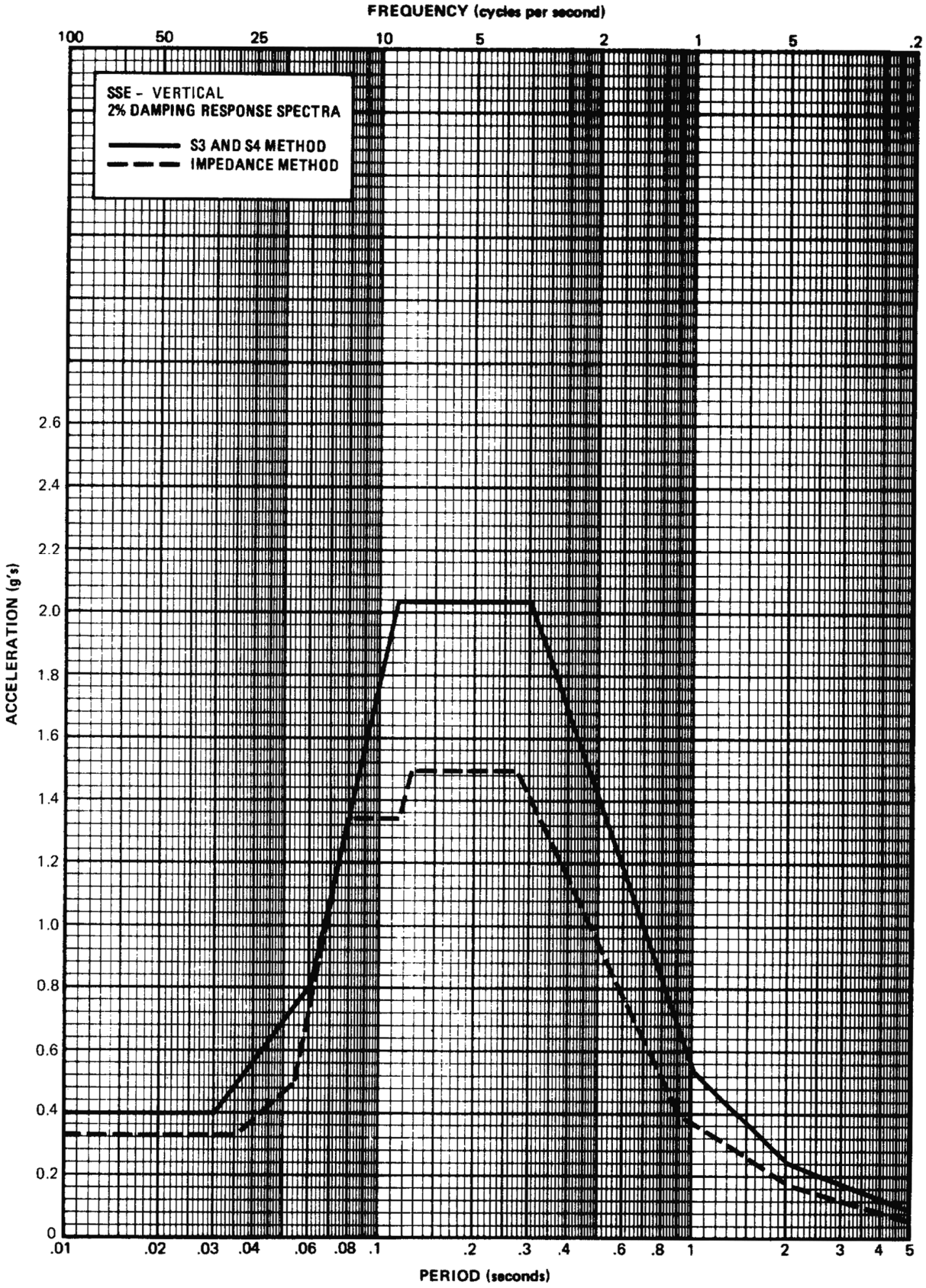
REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	CONTROL BUILDING EL. 220 FT.
		FIGURE 3D–94



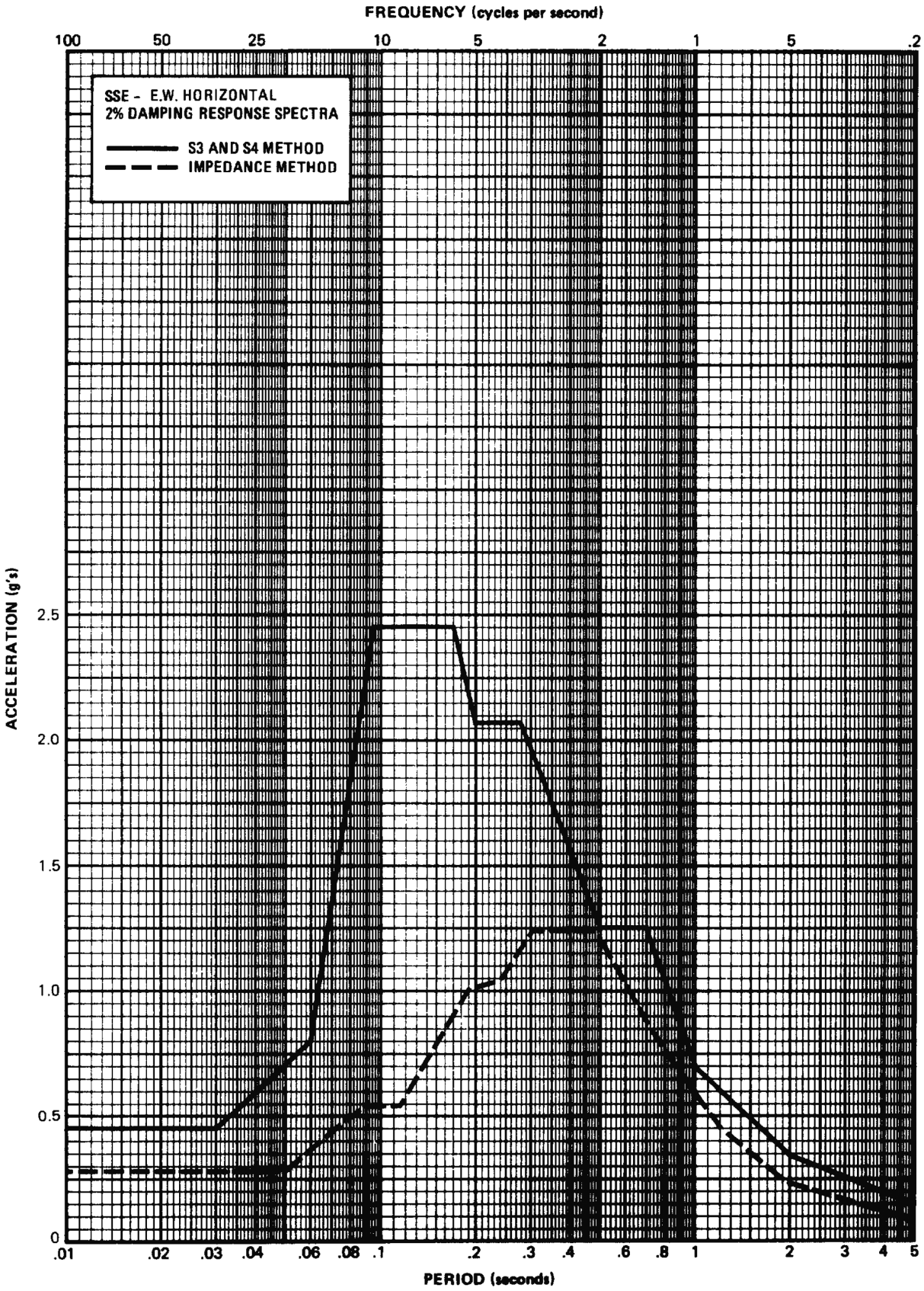
REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	CONTROL BUILDING EL. 220 FT.
		FIGURE 3D–95



REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	CONTROL BUILDING EL. 220 FT.
		FIGURE 3D–96



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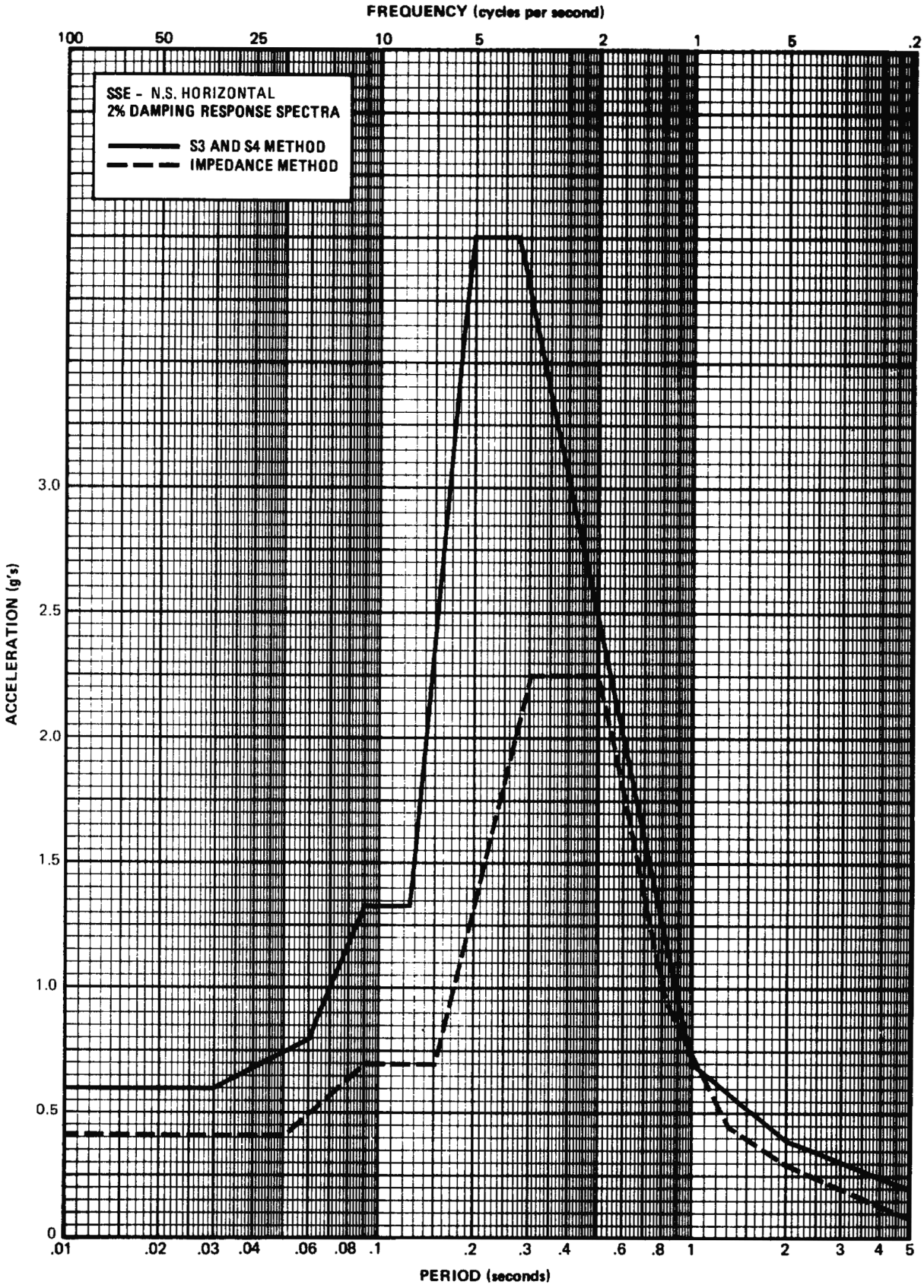
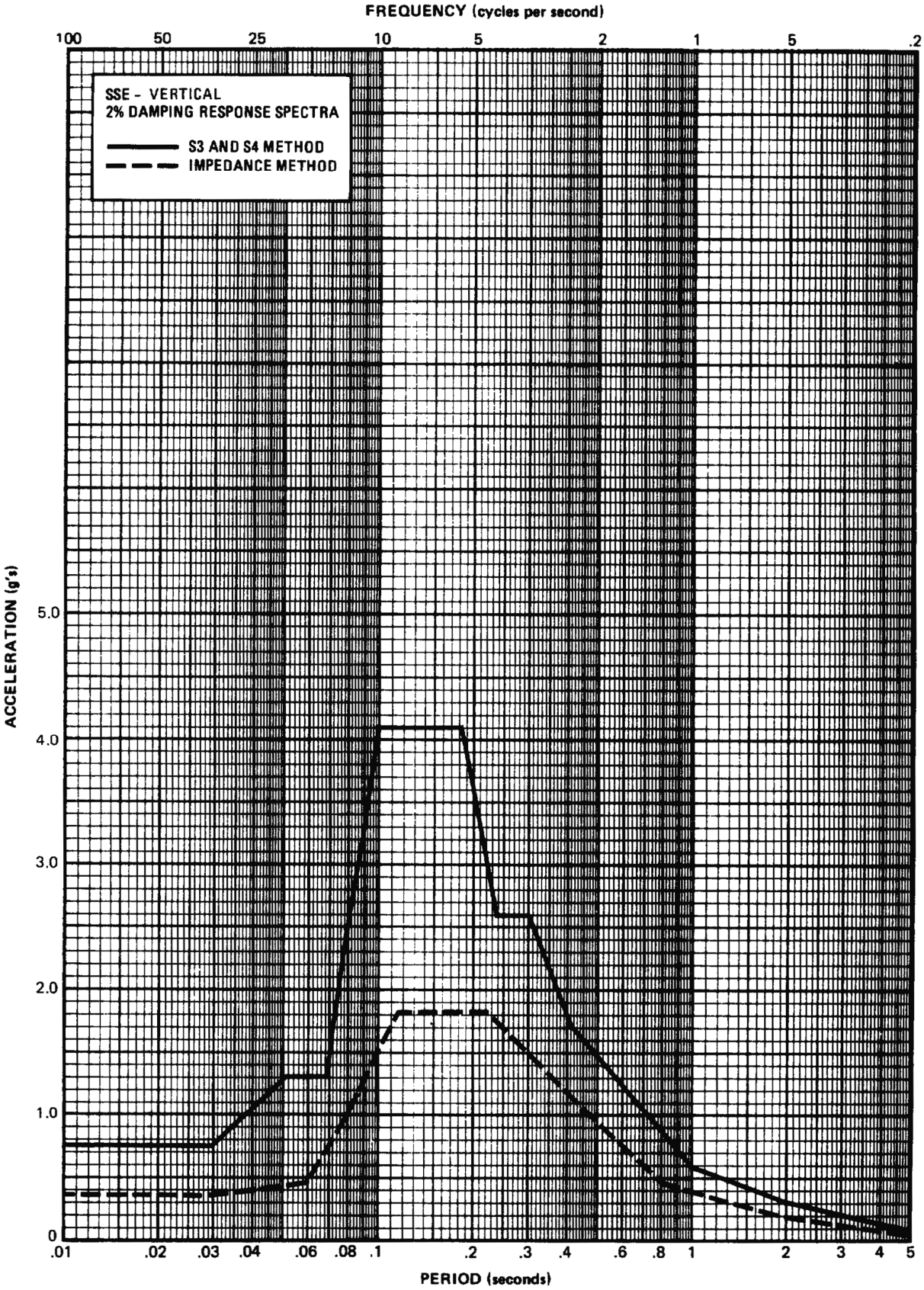
SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	CONTROL BUILDING EL. 260 FT.
		FIGURE 3D–97



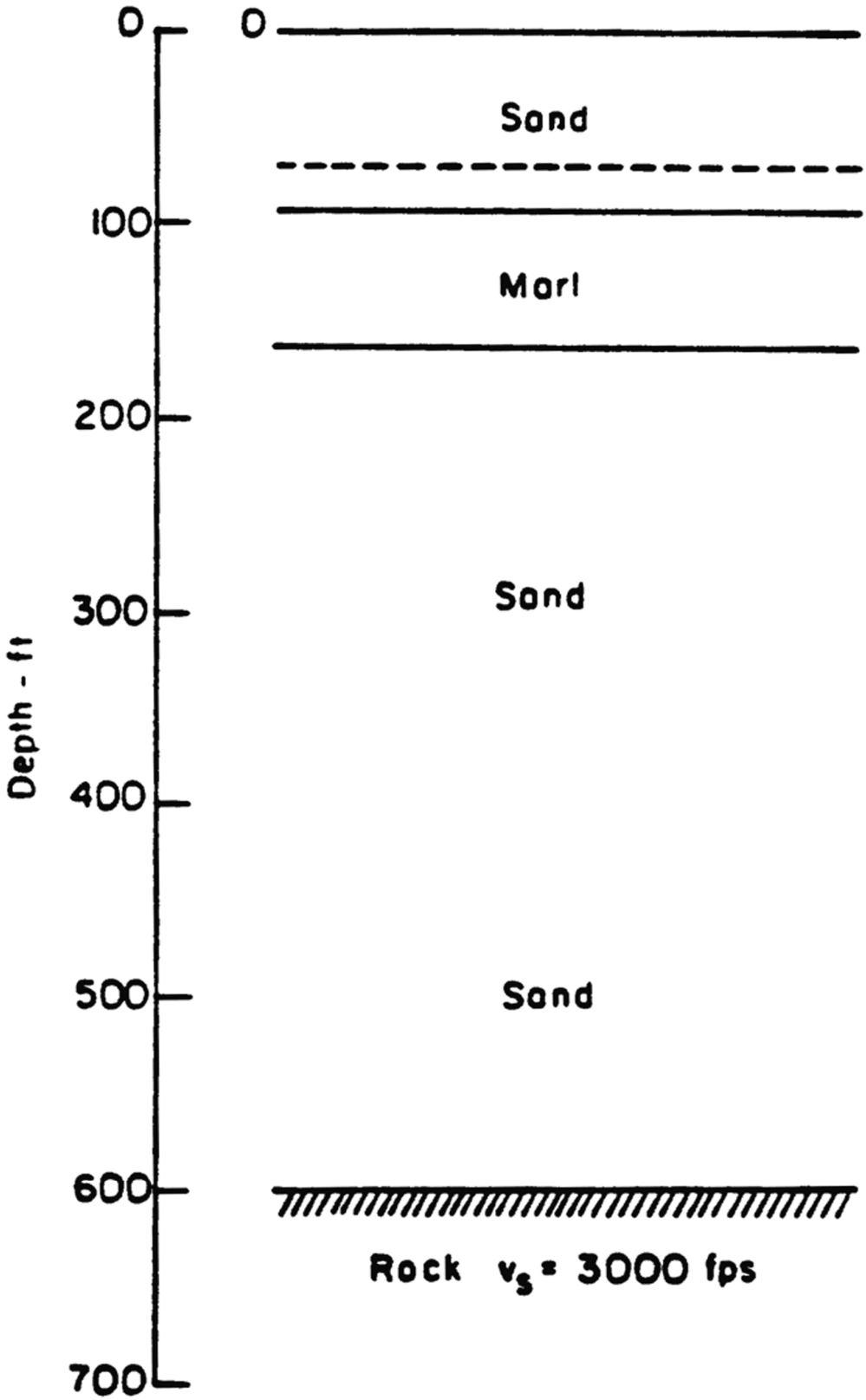
REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	CONTROL BUILDING EL. 260 FT.
		FIGURE 3D–98



REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	CONTROL BUILDING EL. 260 FT
		FIGURE 3D–99



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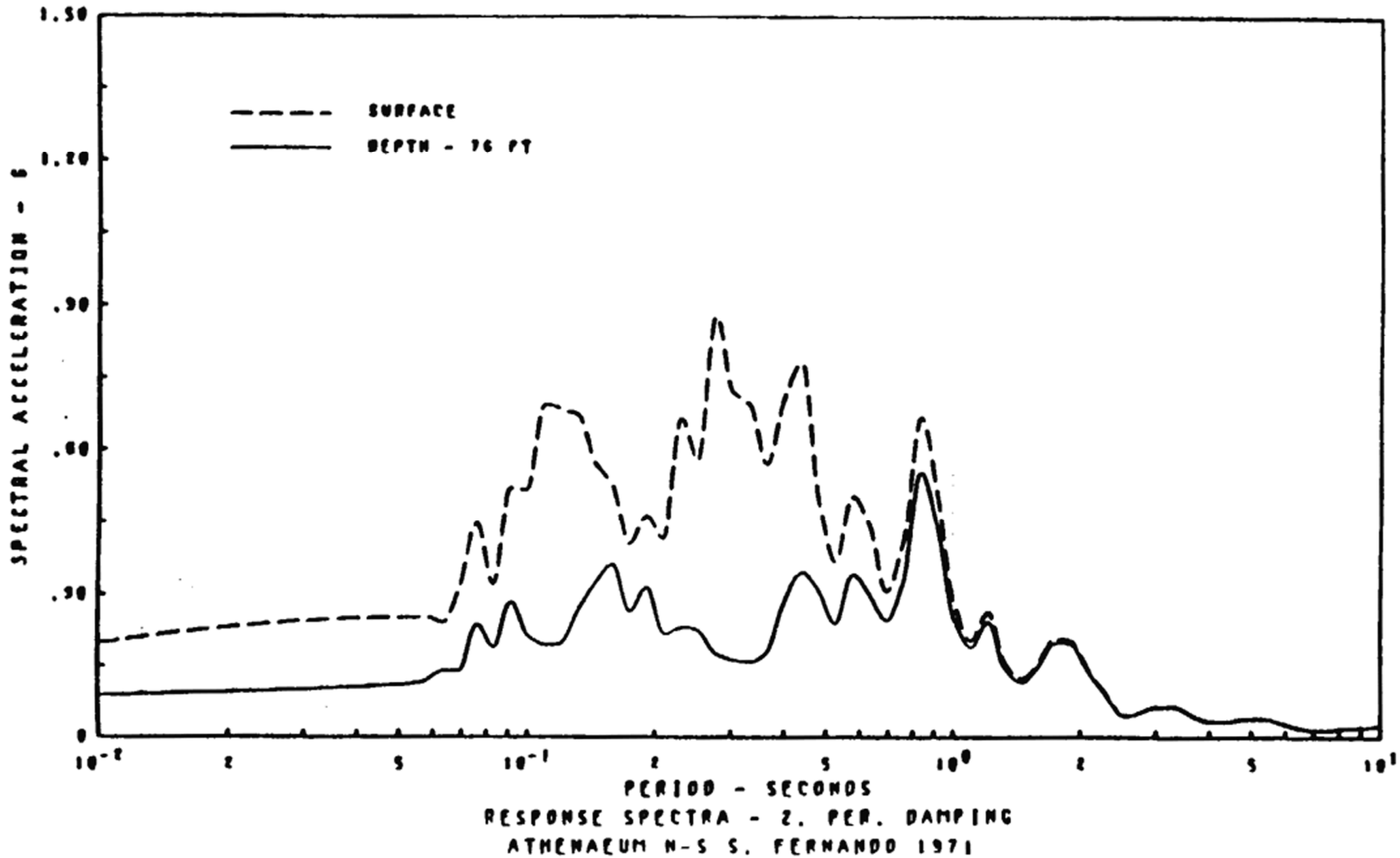
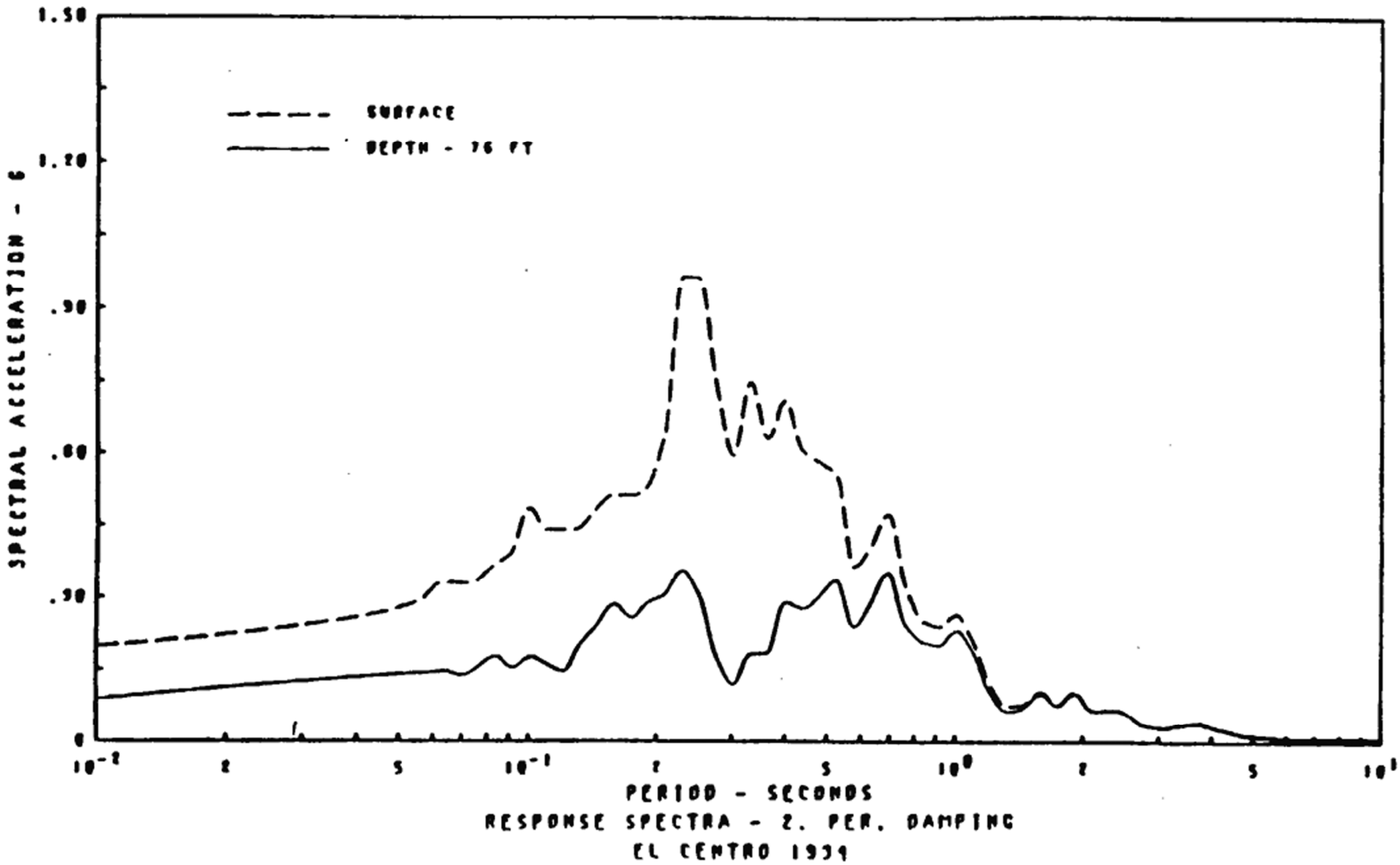
SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
		FIGURE 3D–100



REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
		FIGURE 3D–101



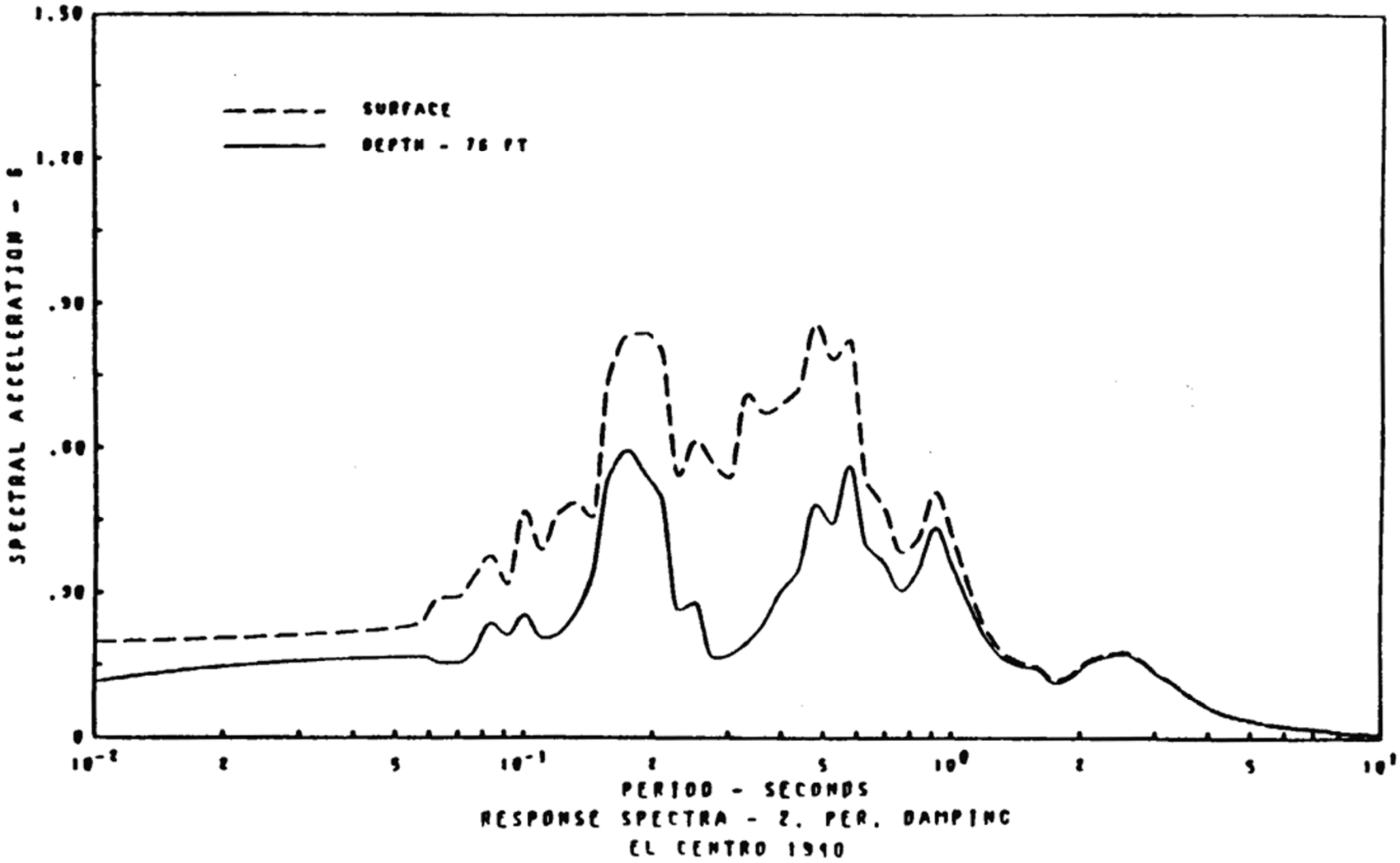
REV 14 10/07

SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–102



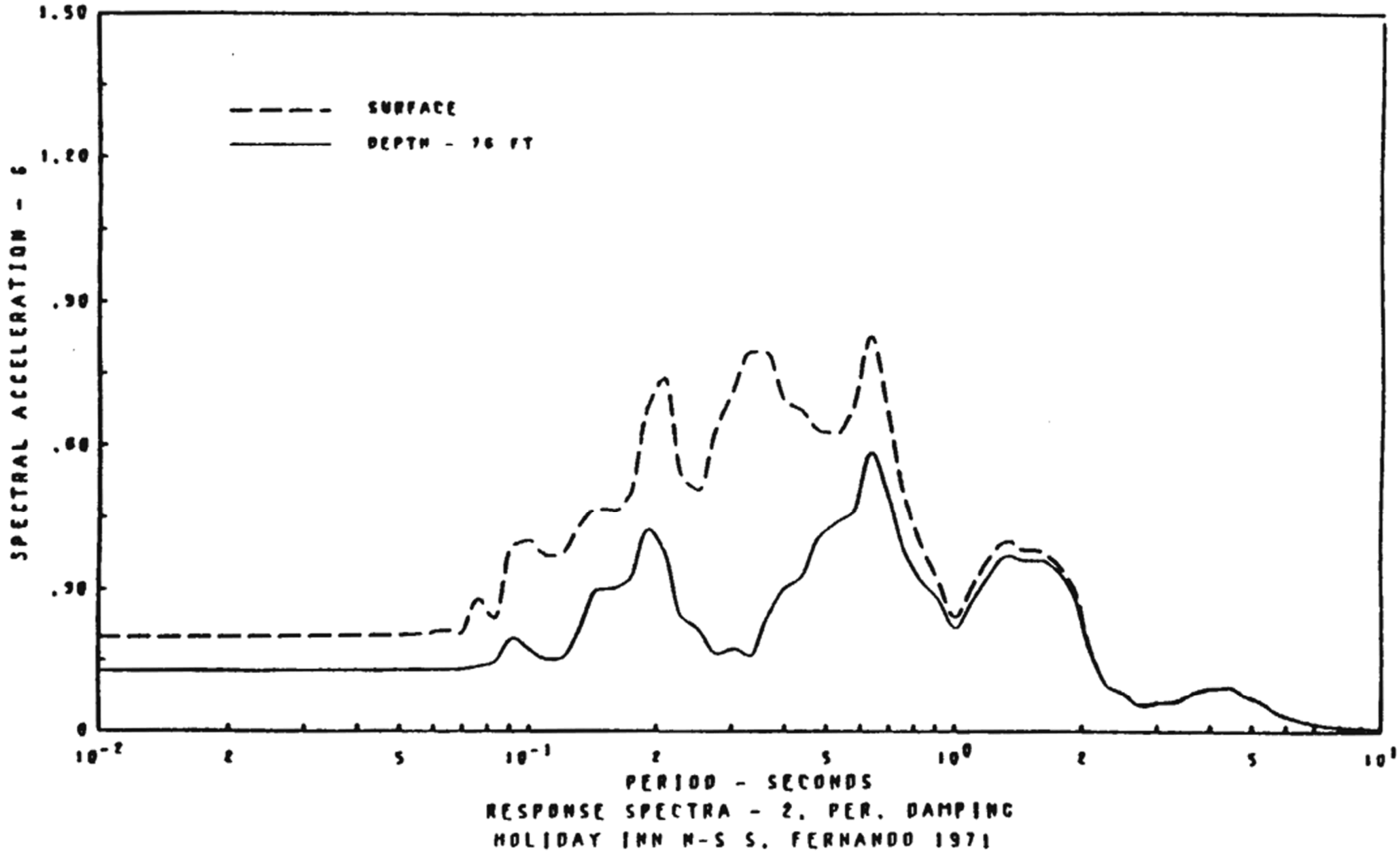
REV 14 10/07

SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–103



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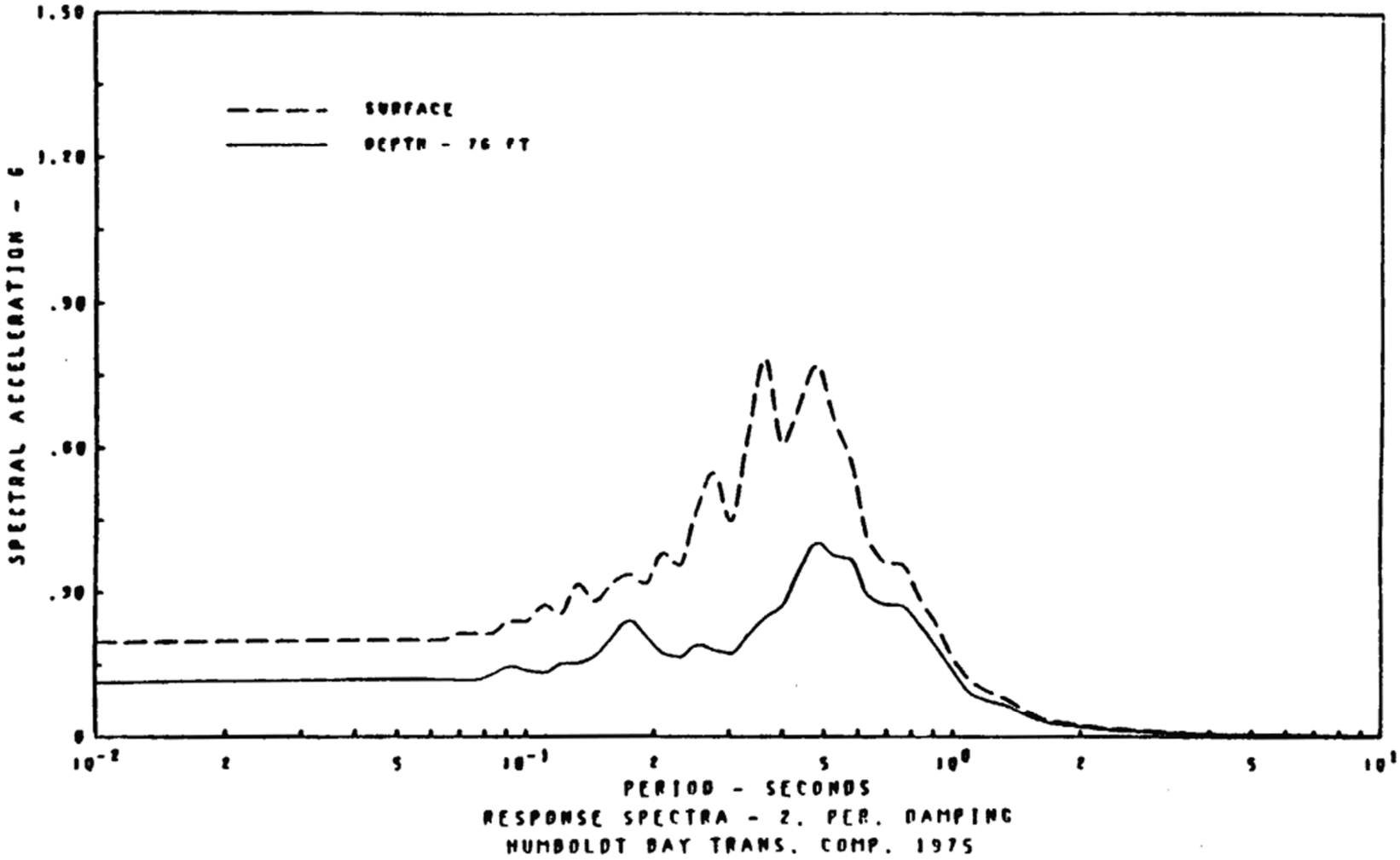
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–104



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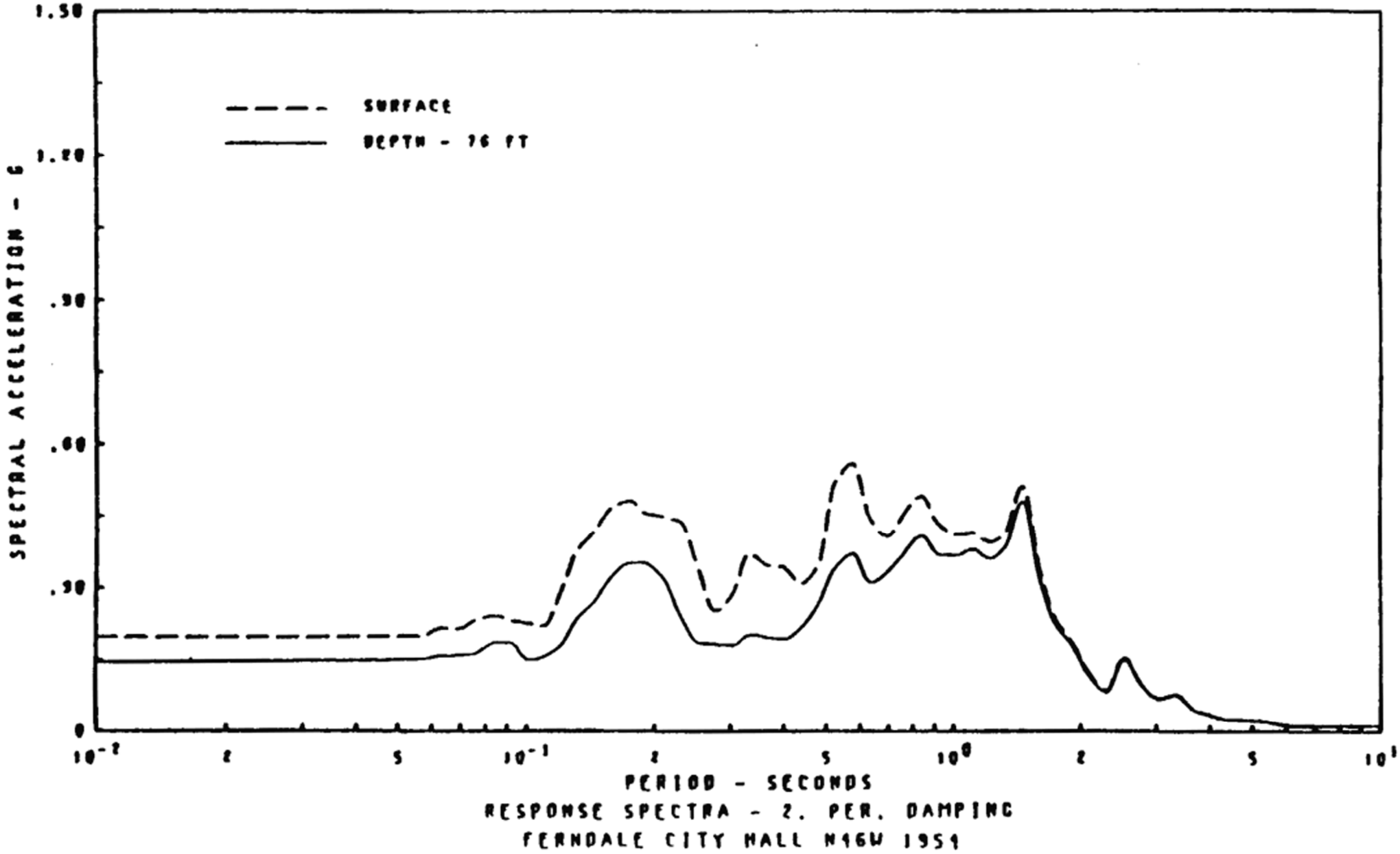
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–105



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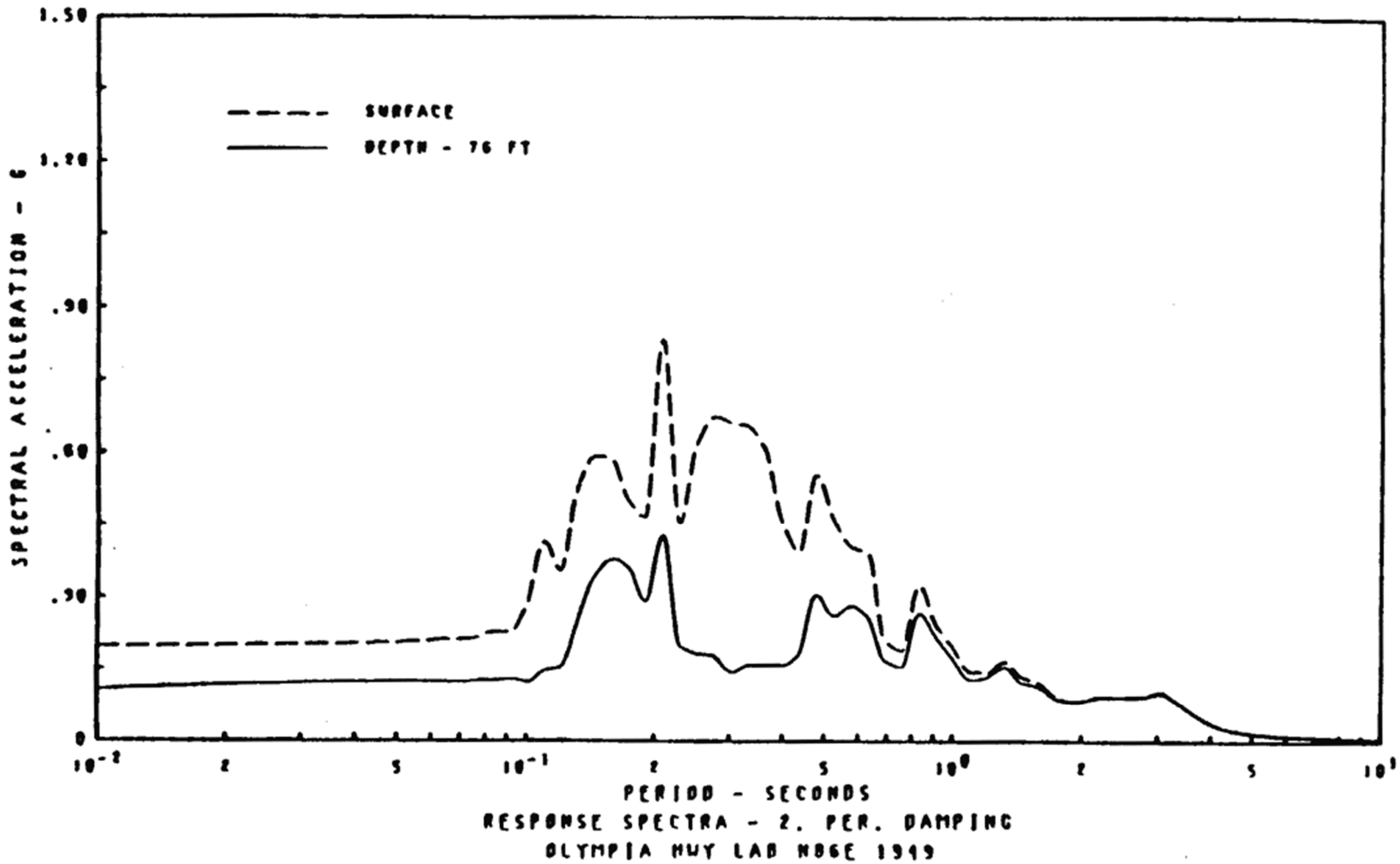
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–106



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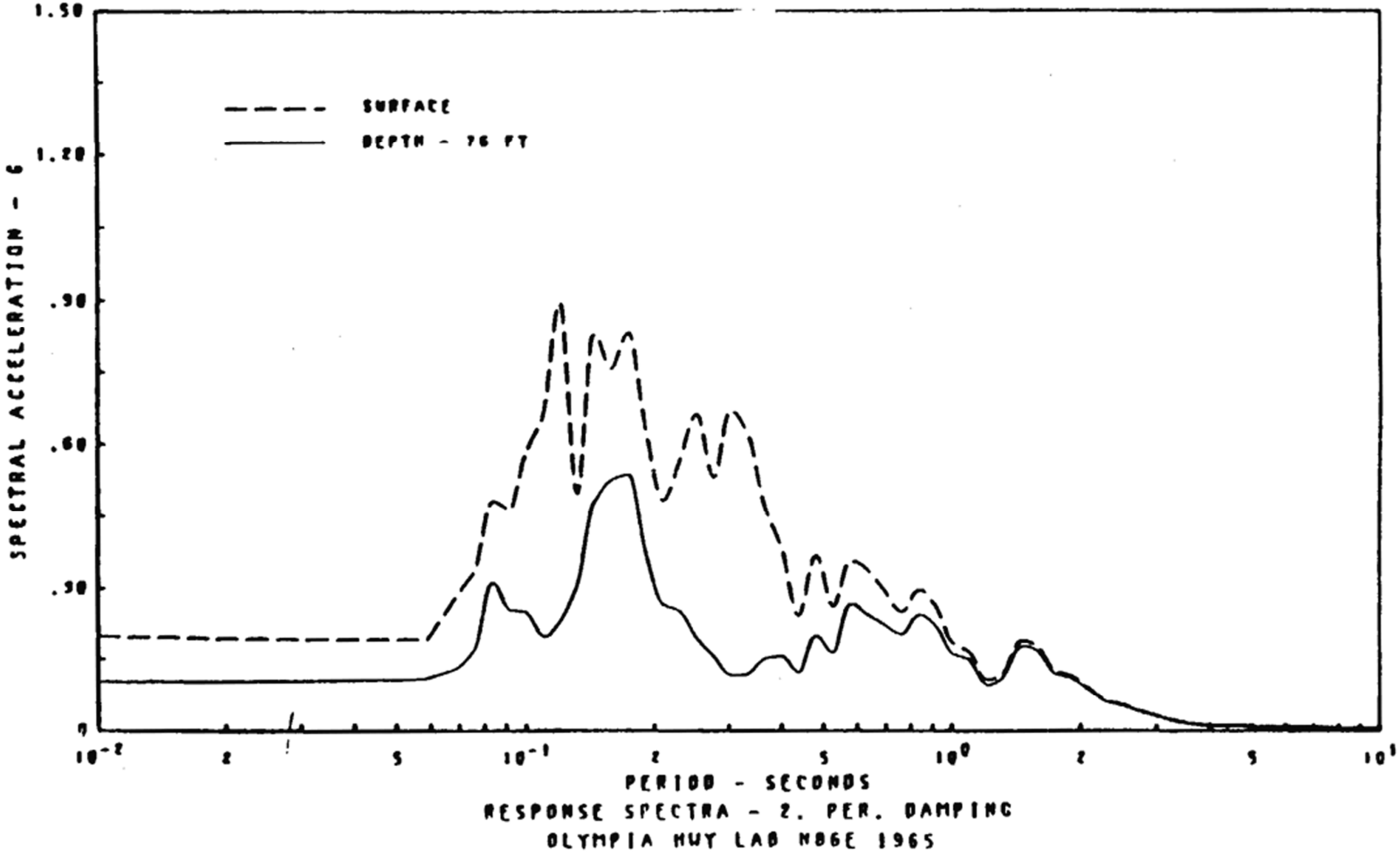
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–107



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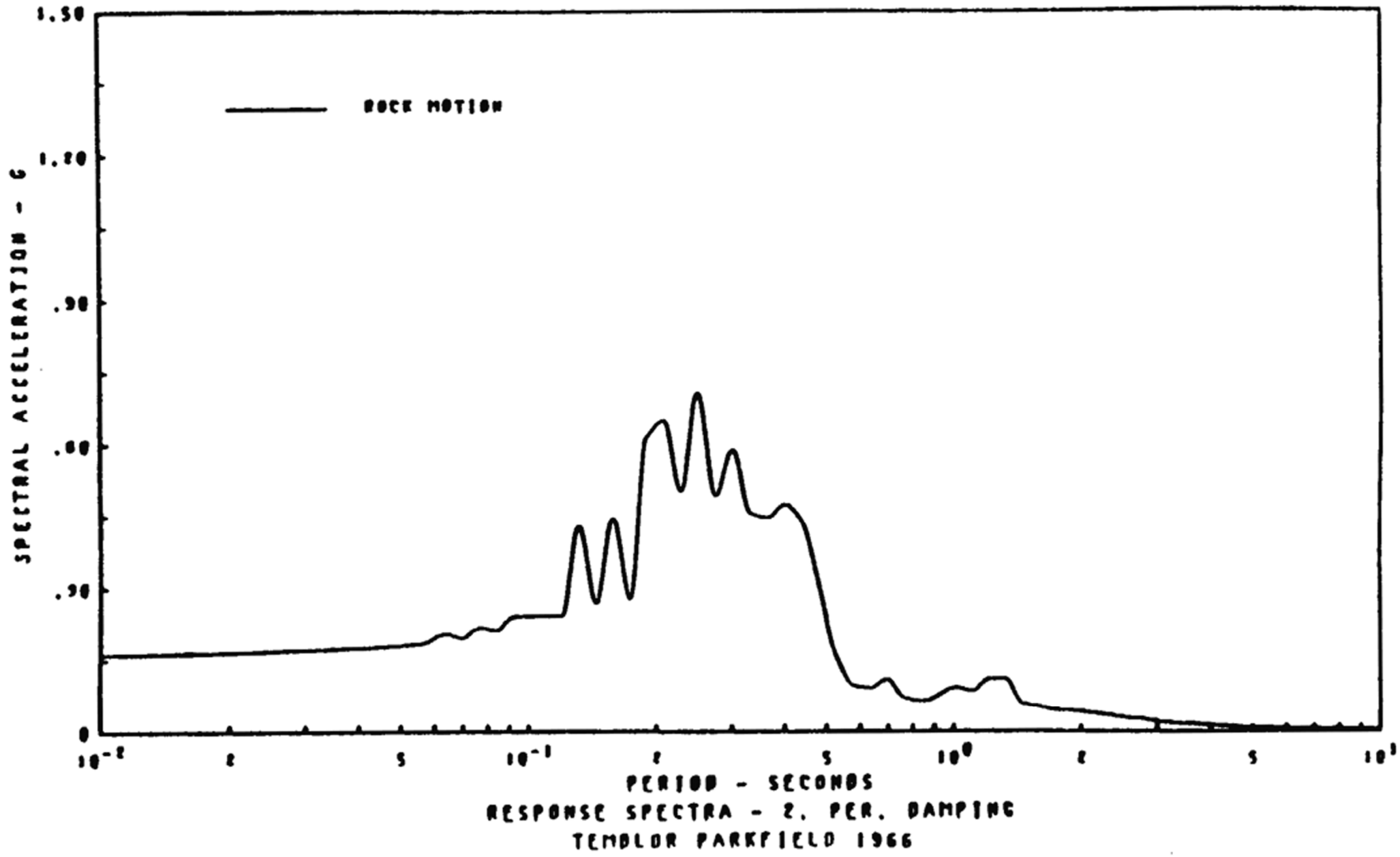
SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
		FIGURE 3D–108



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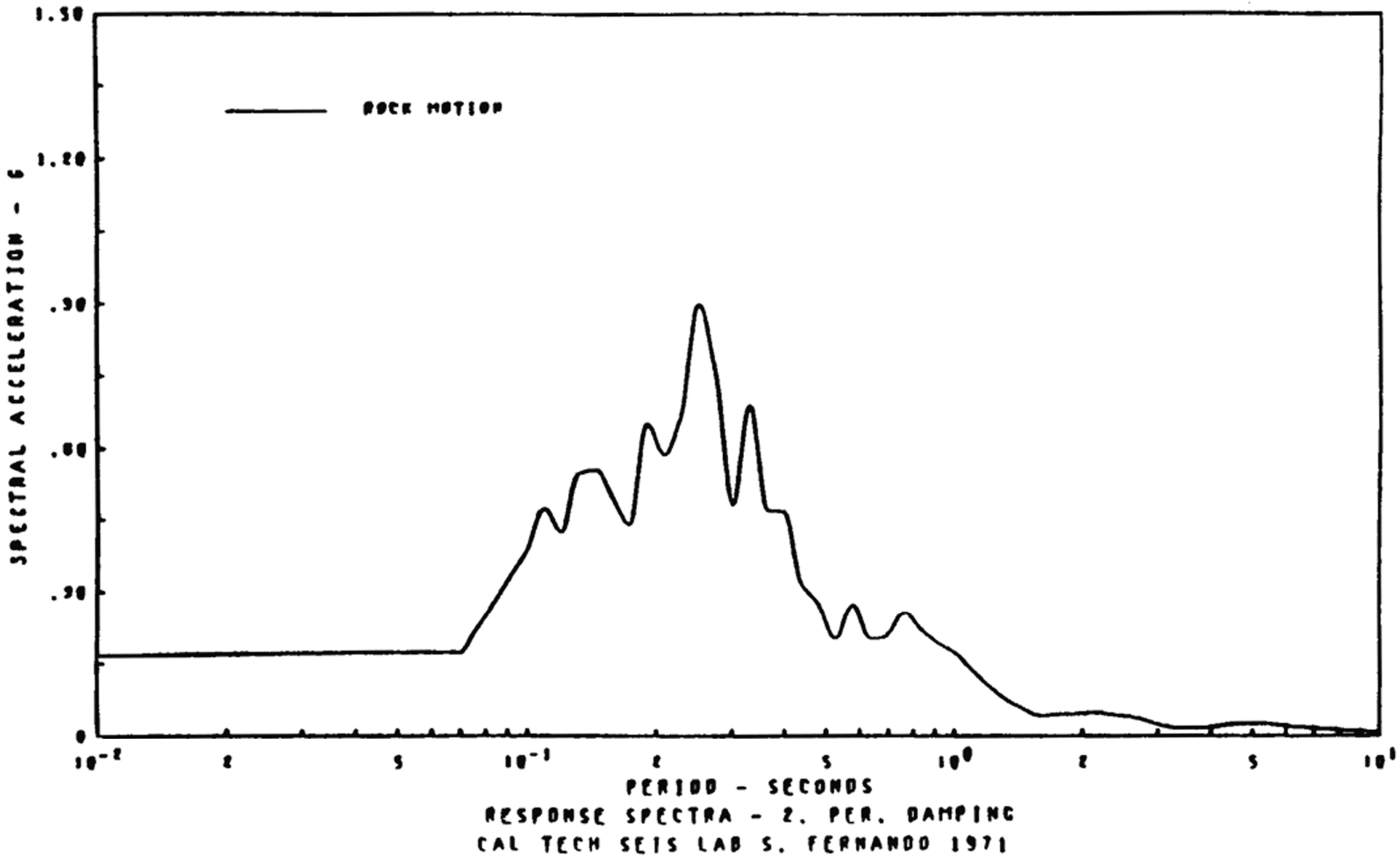
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–109



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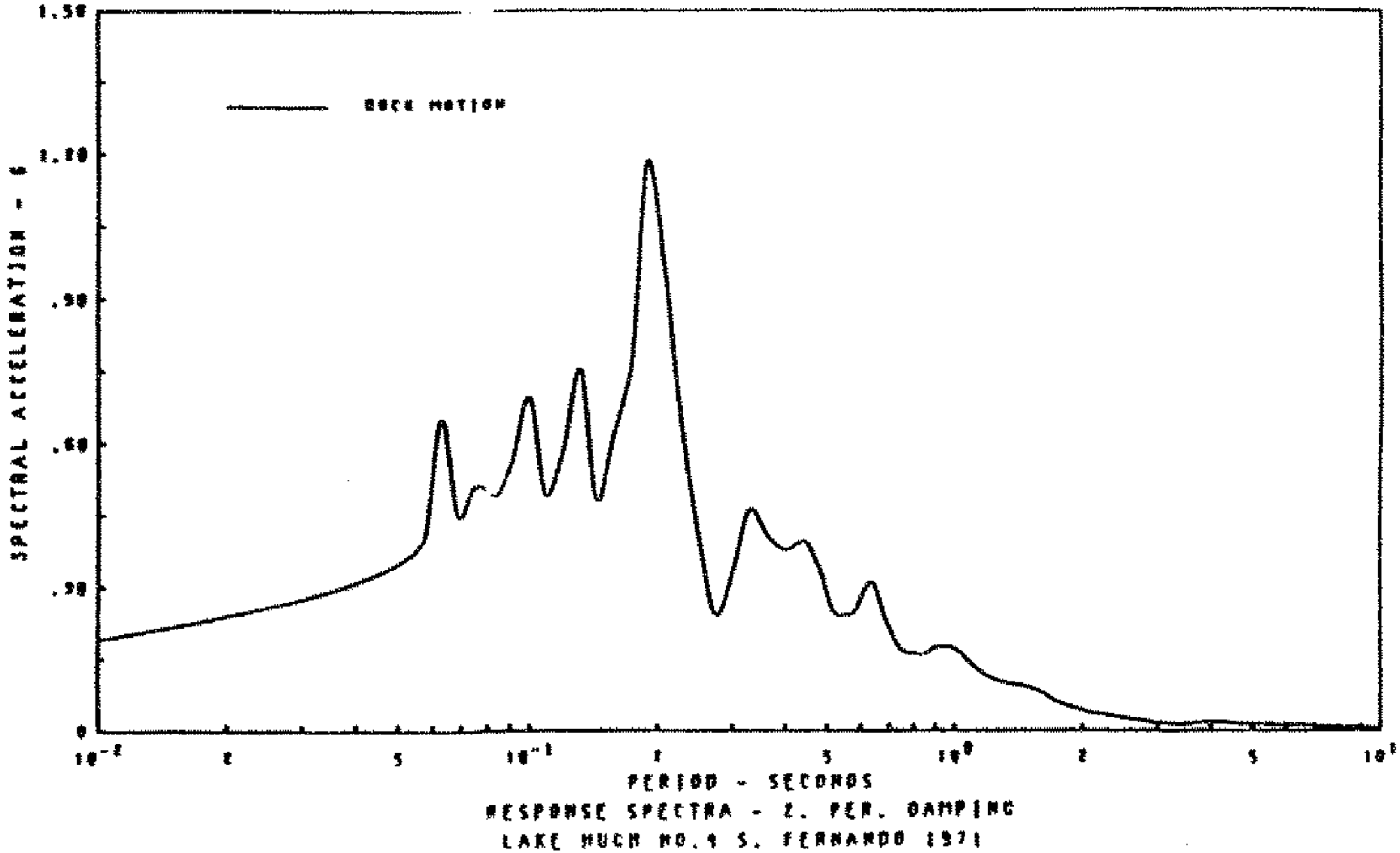
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–110



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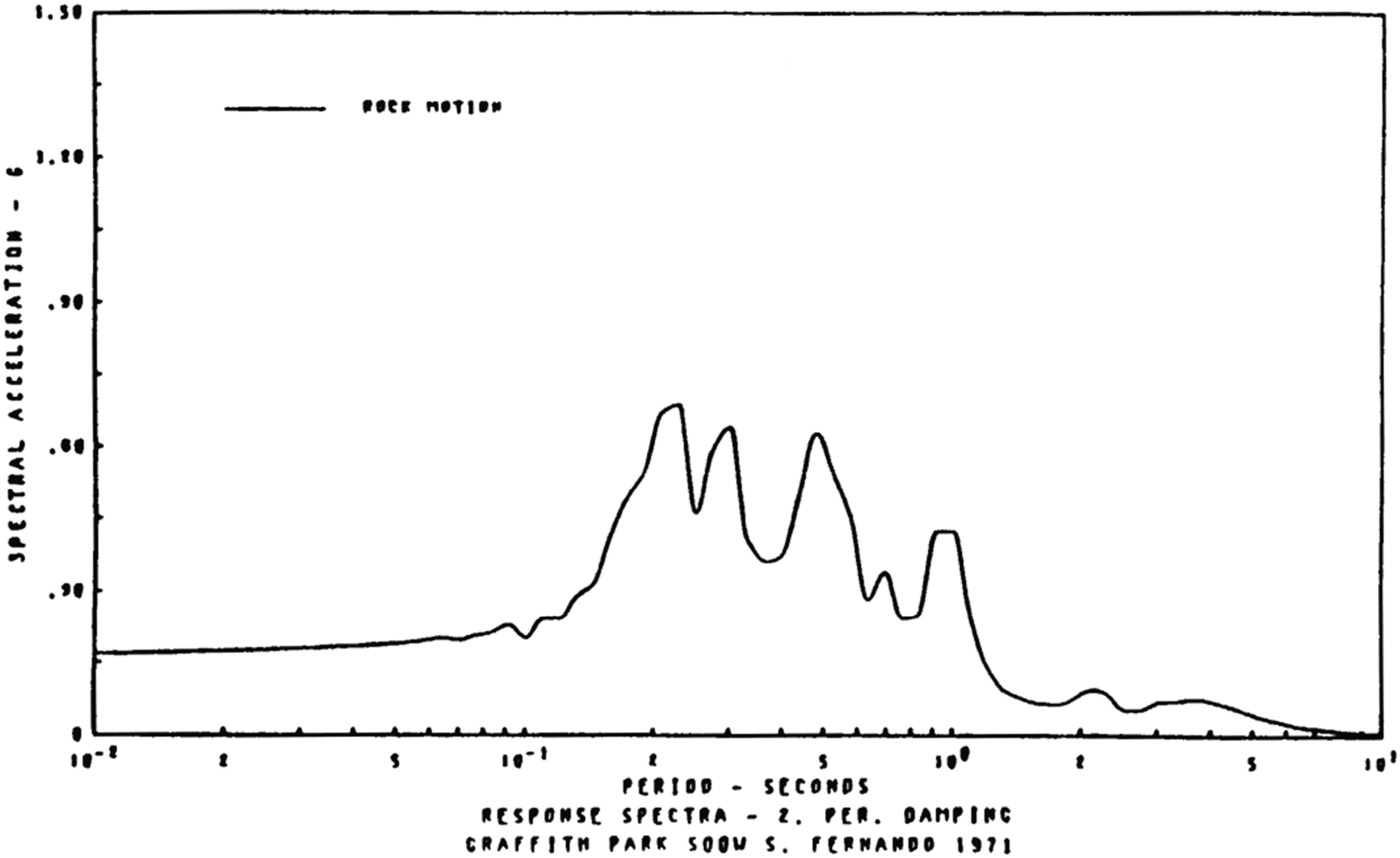
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–111



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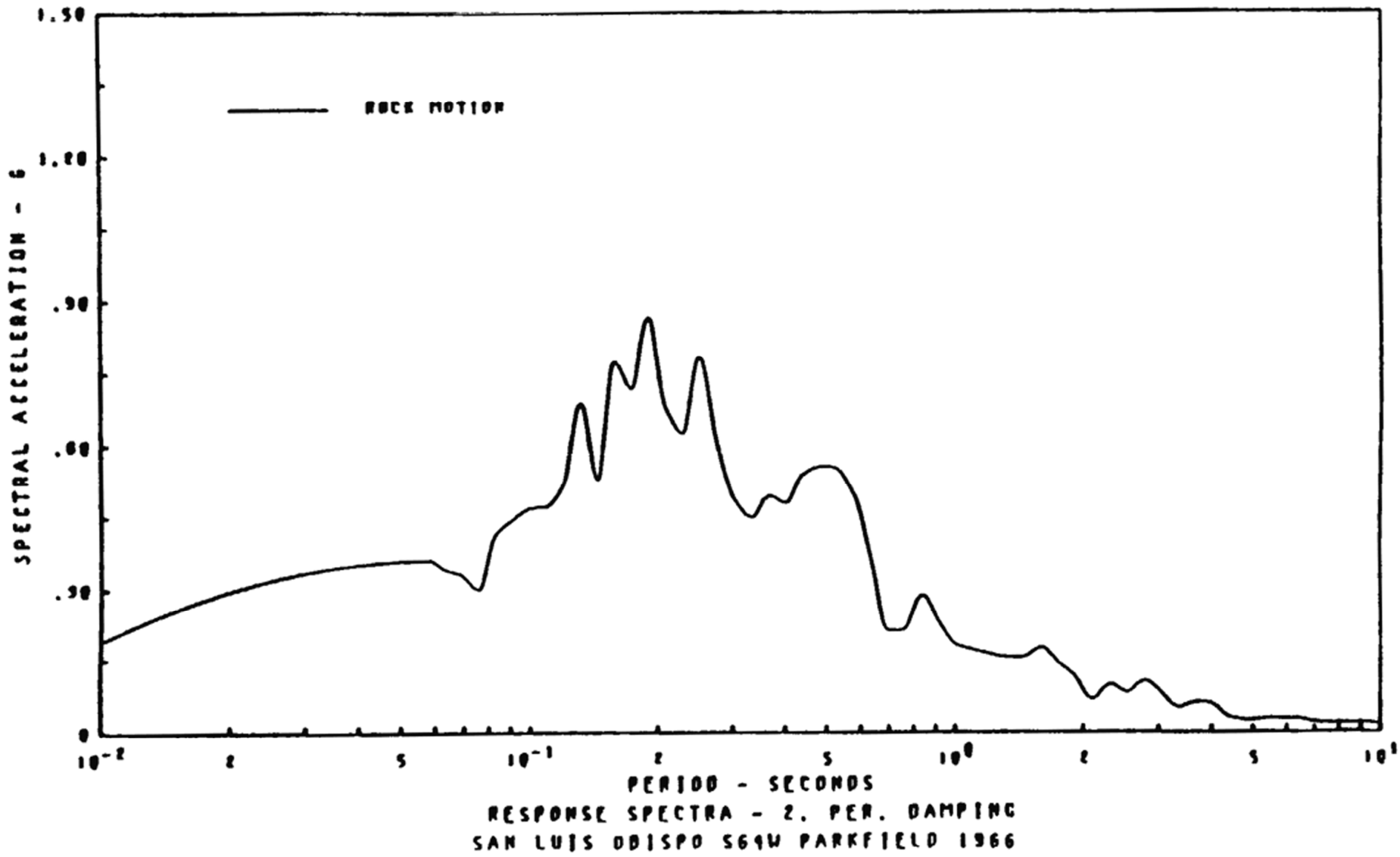
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–112



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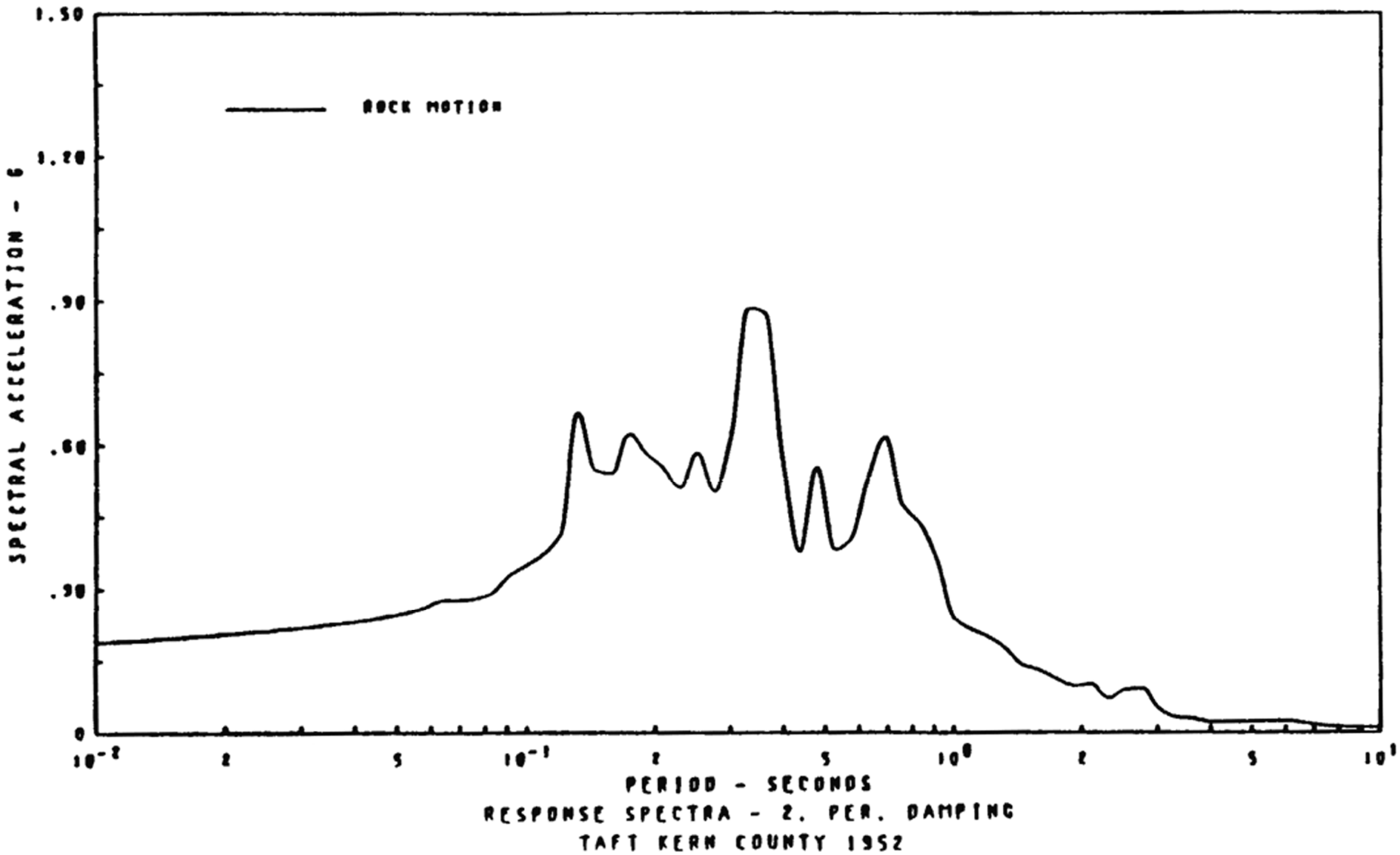
SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
		FIGURE 3D–113



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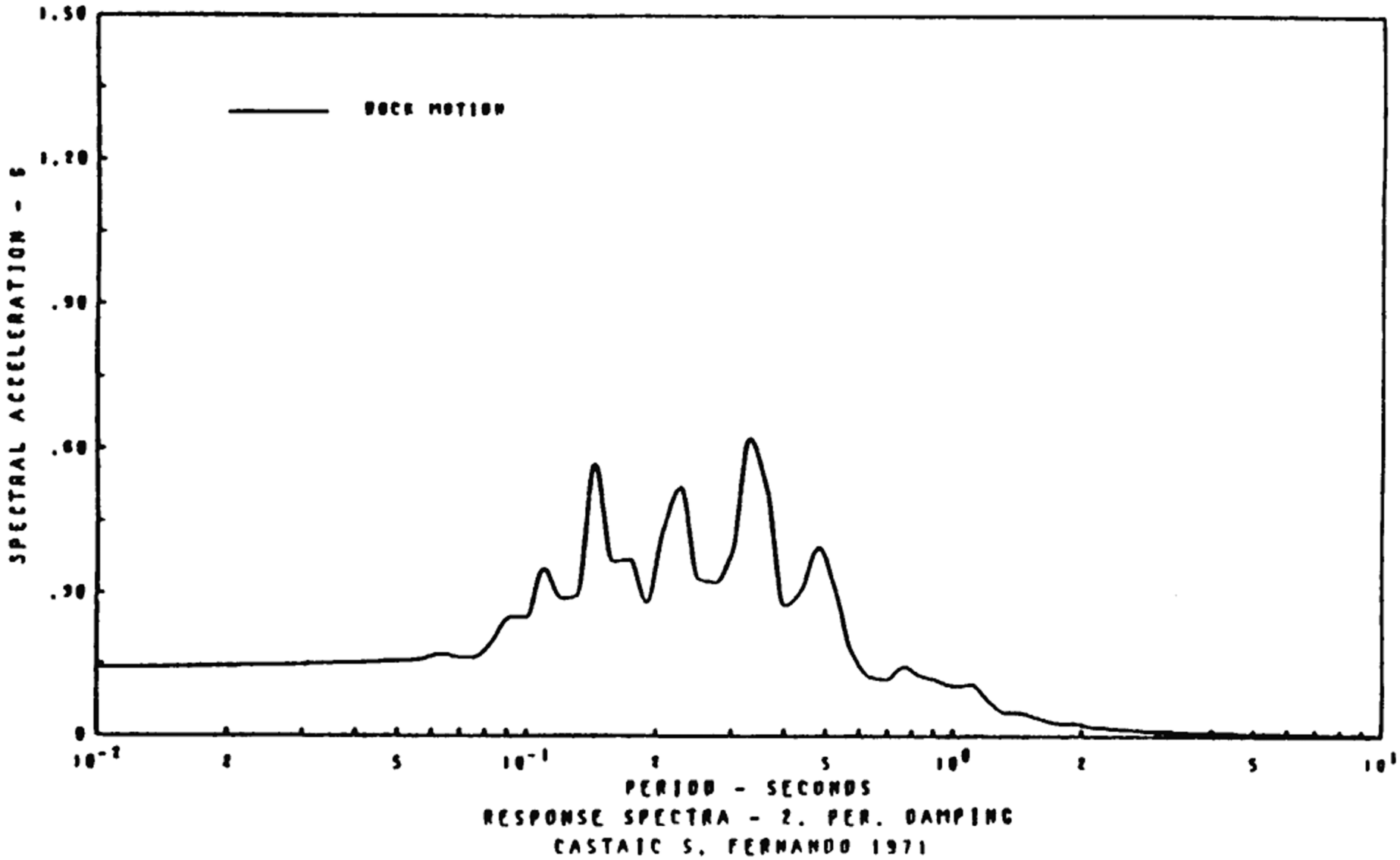
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–114



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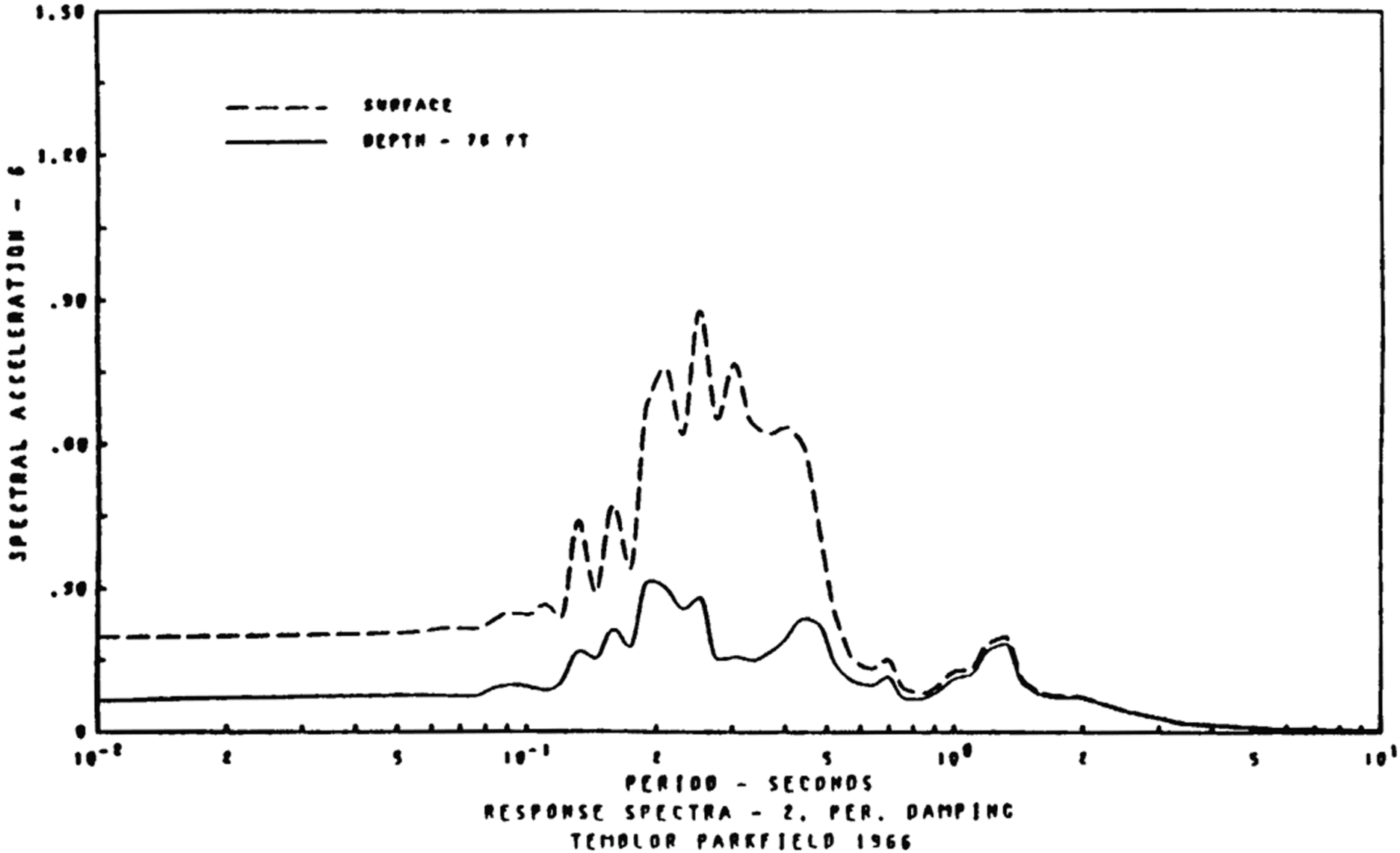
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–115



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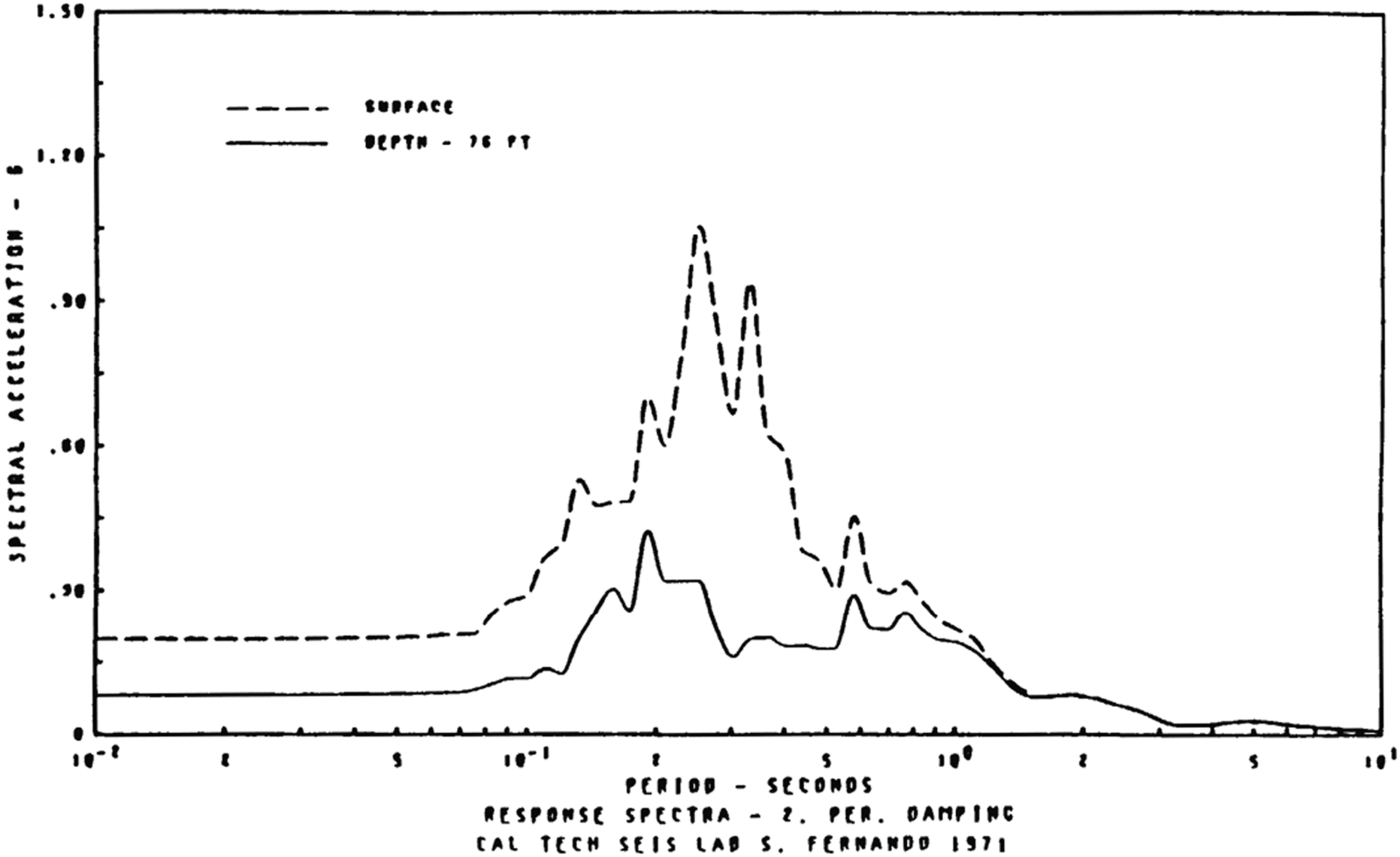
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–116



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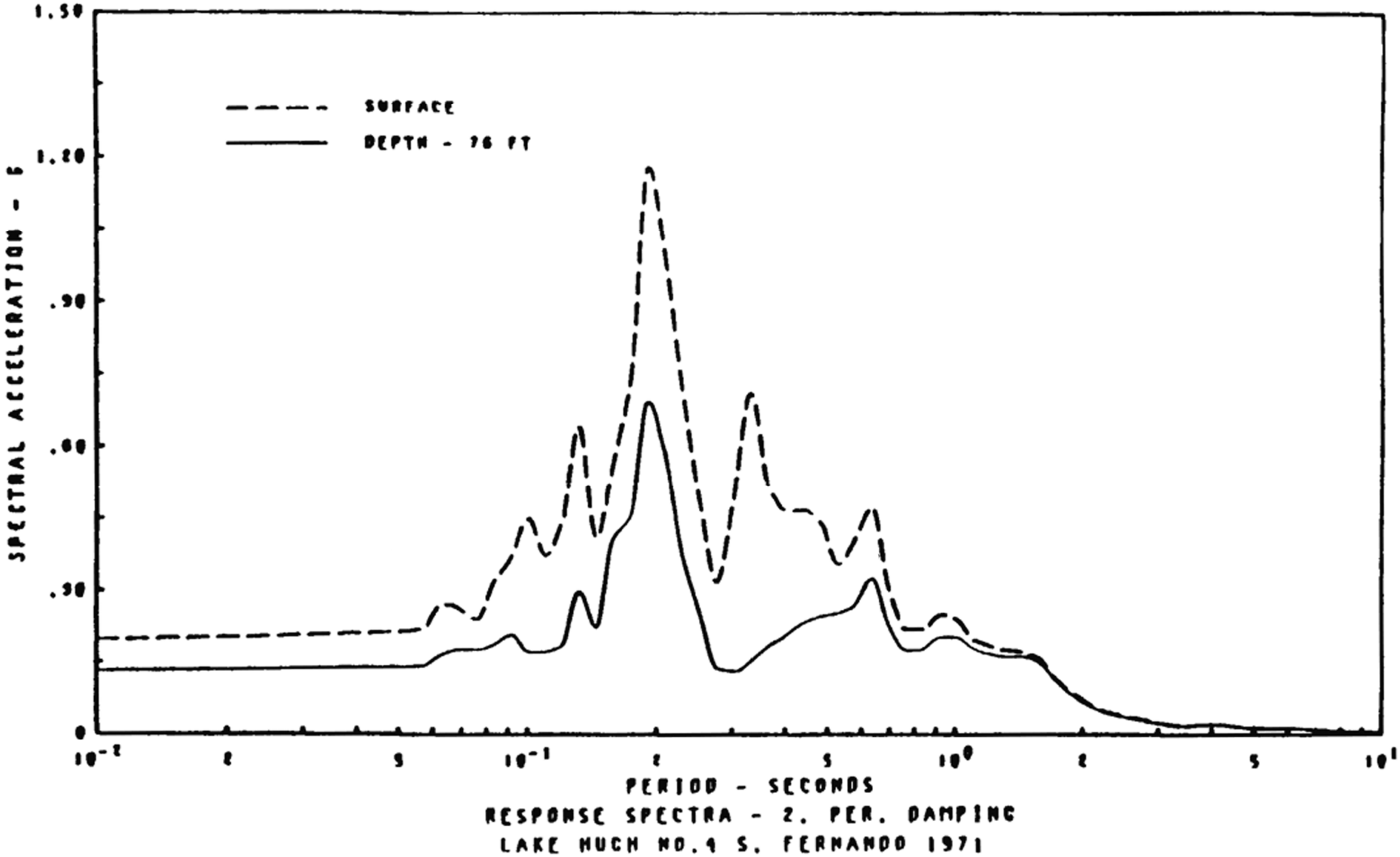
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–117



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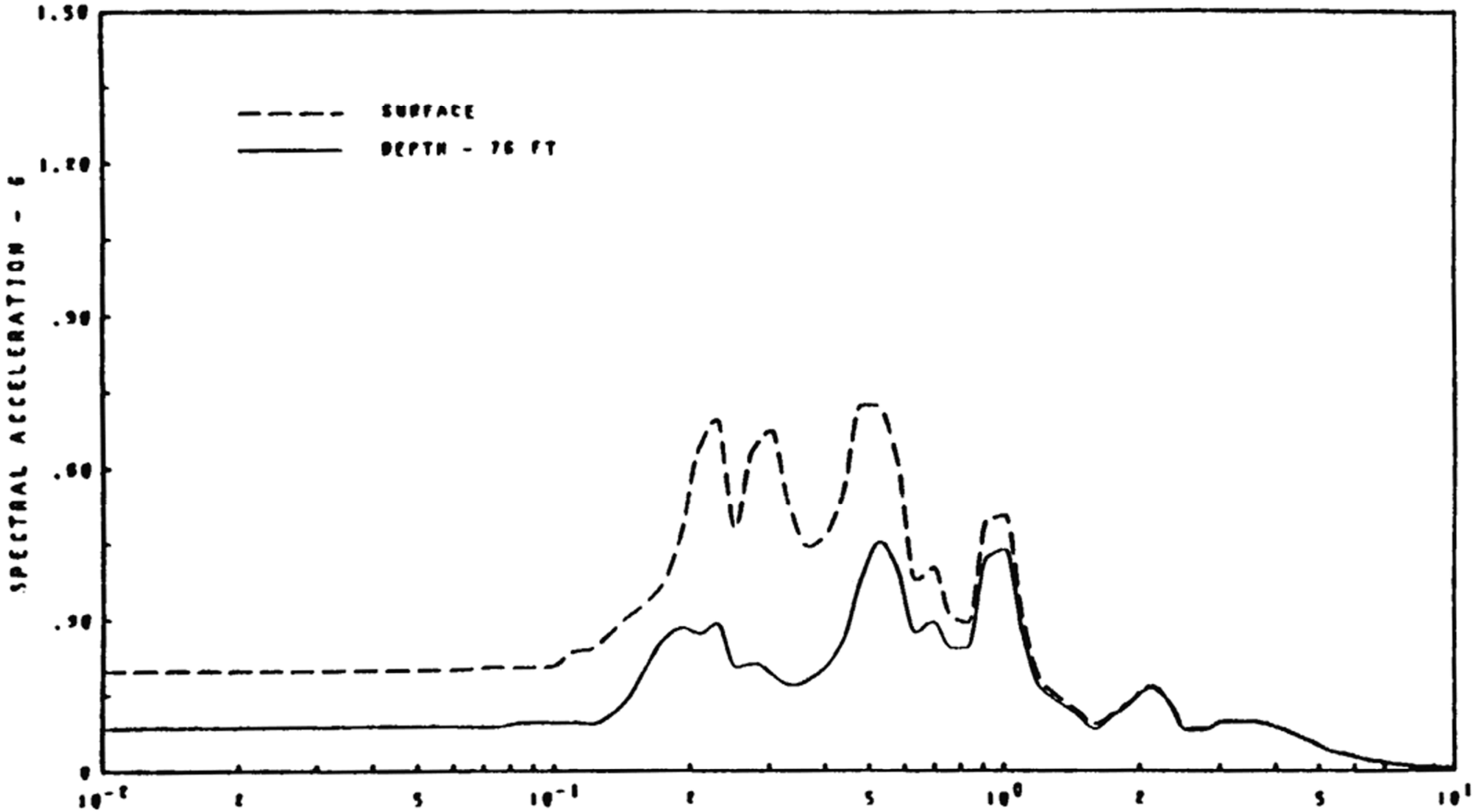
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–118



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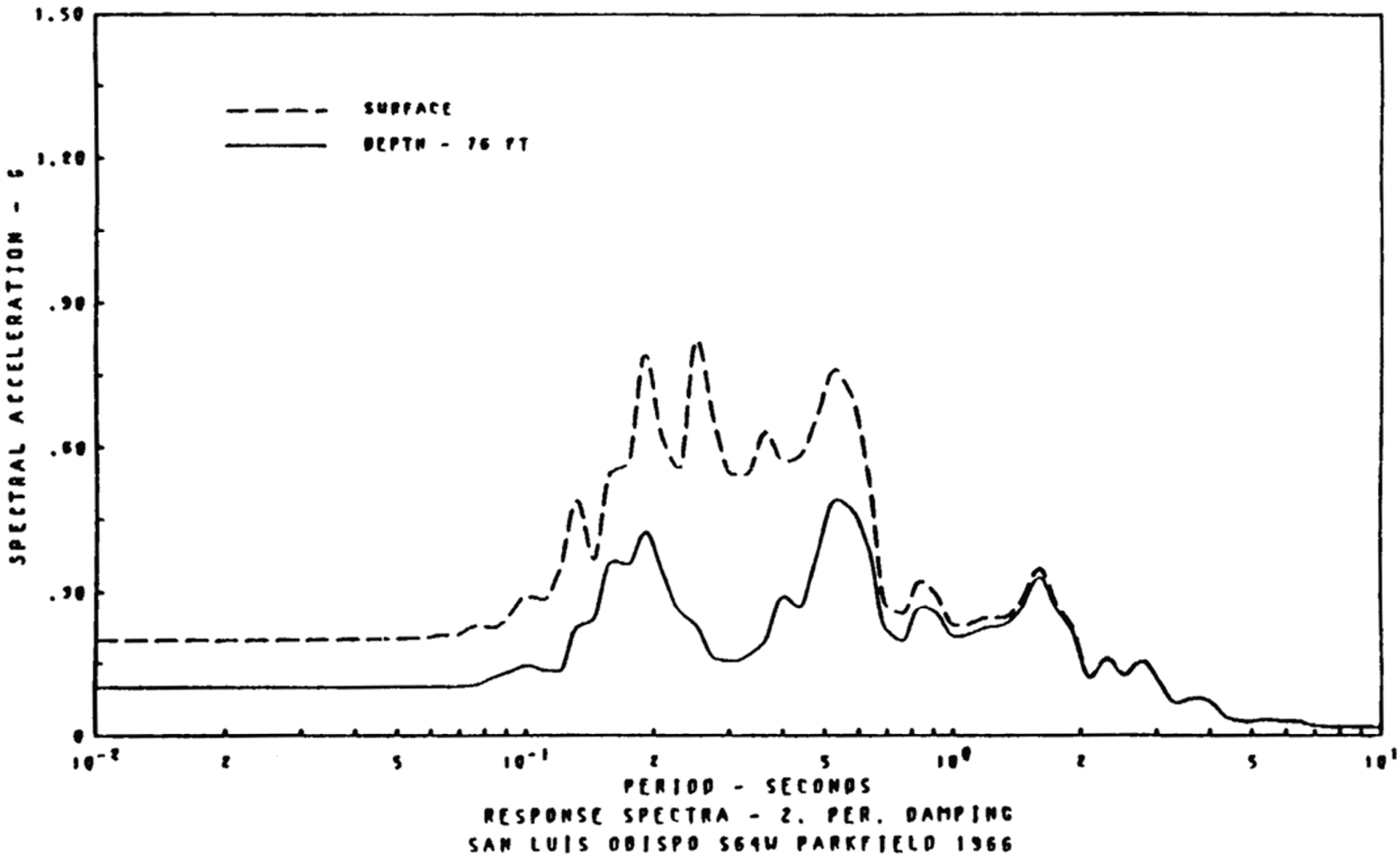
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–119



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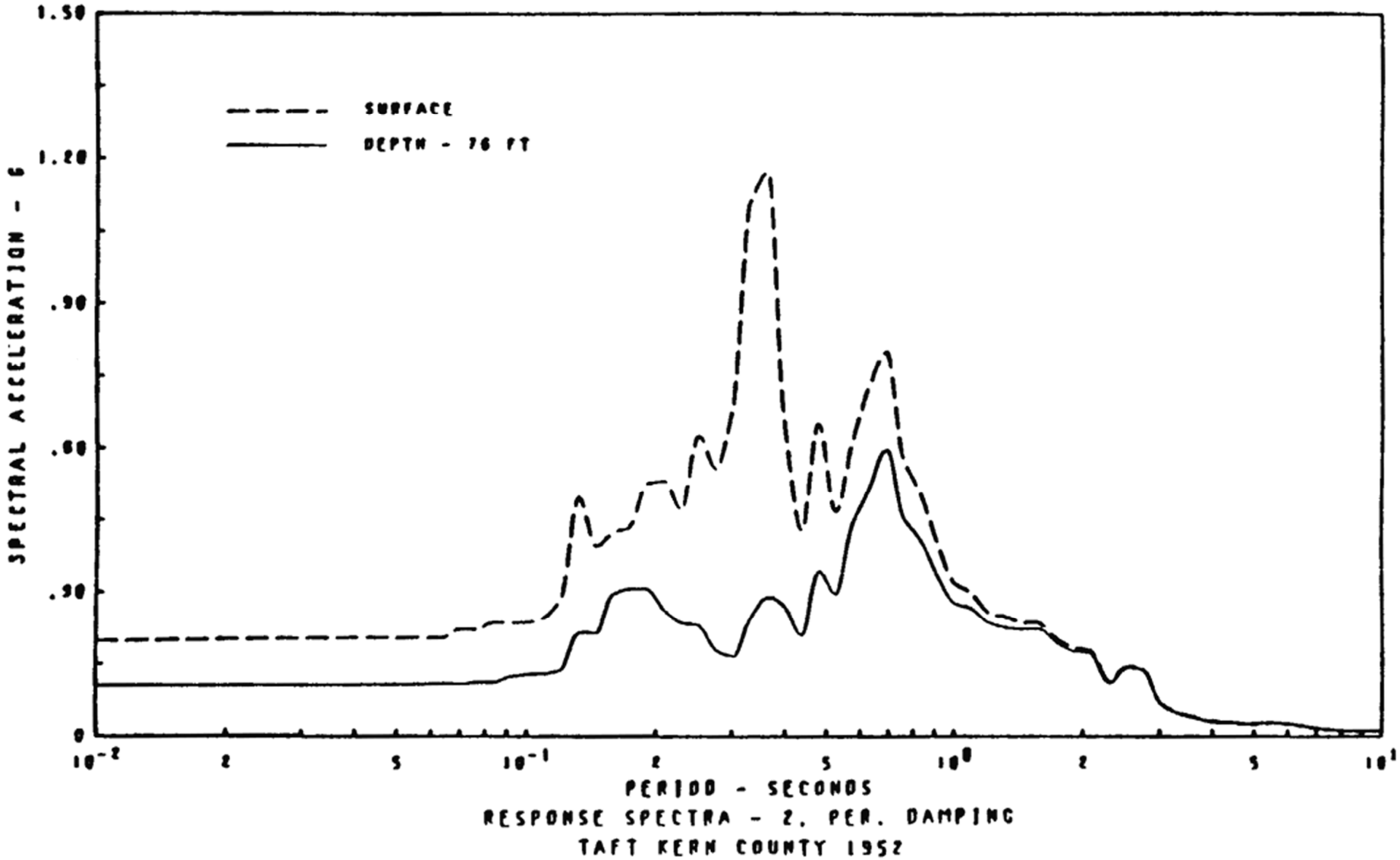
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–120



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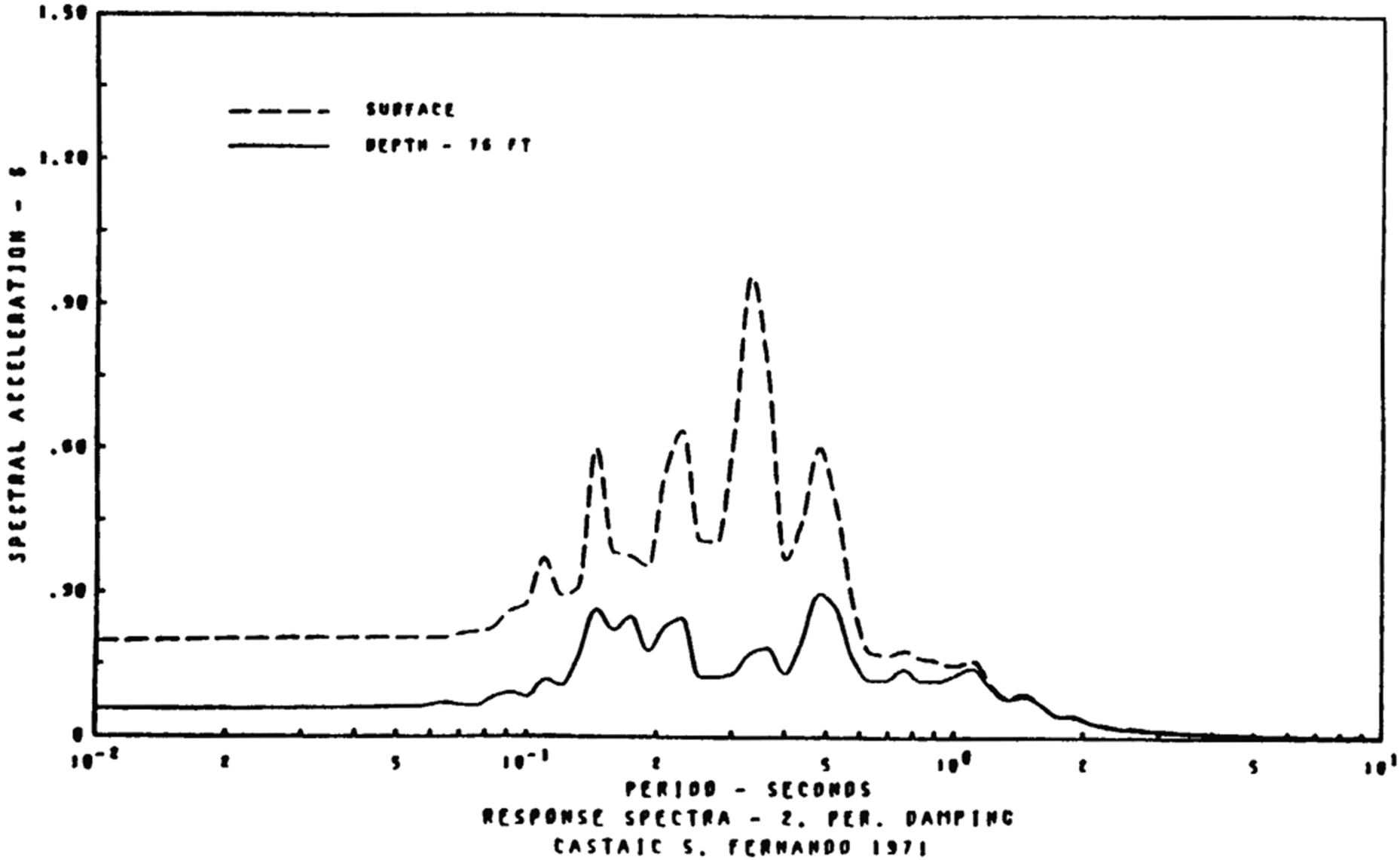
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–121



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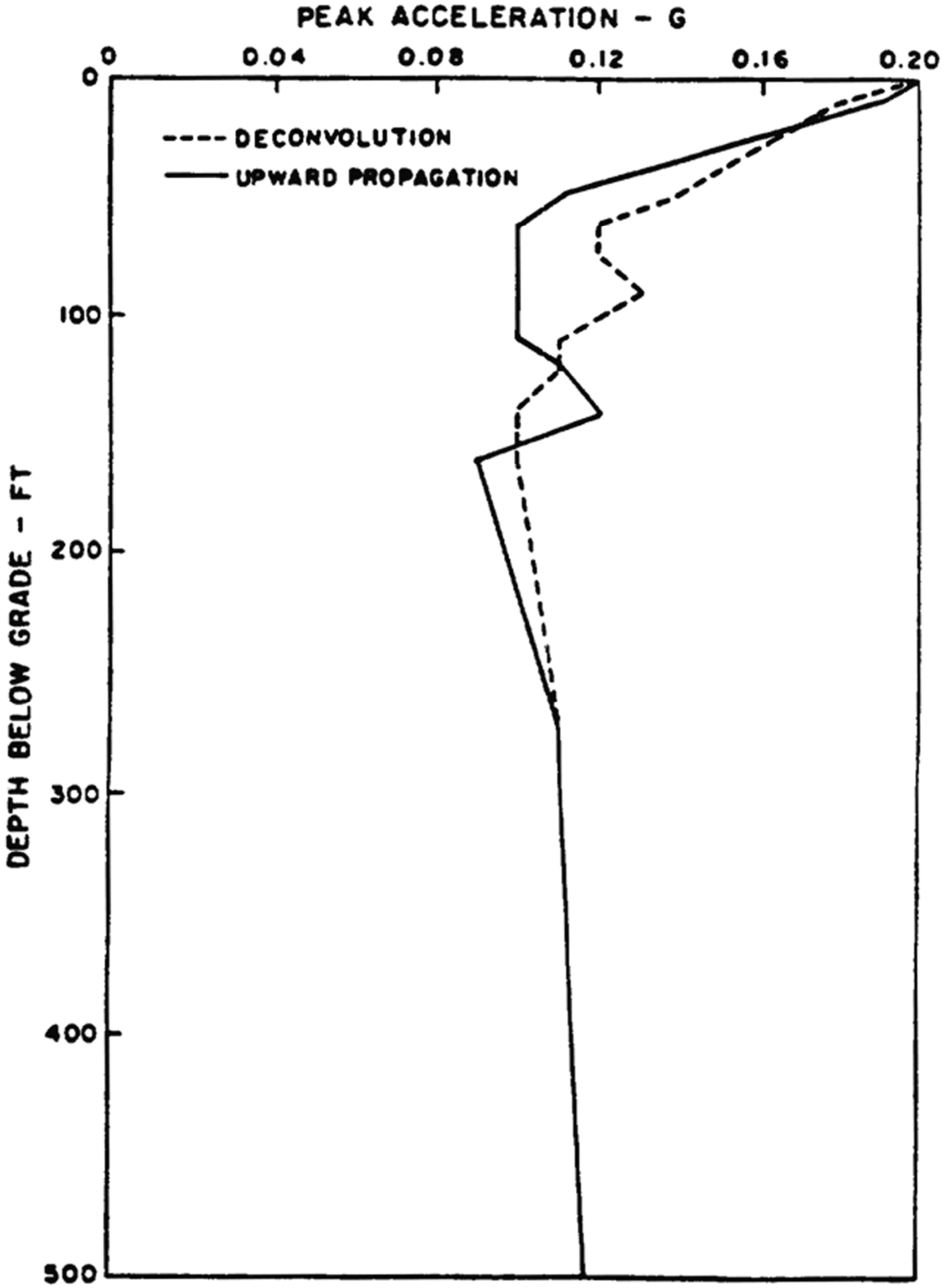
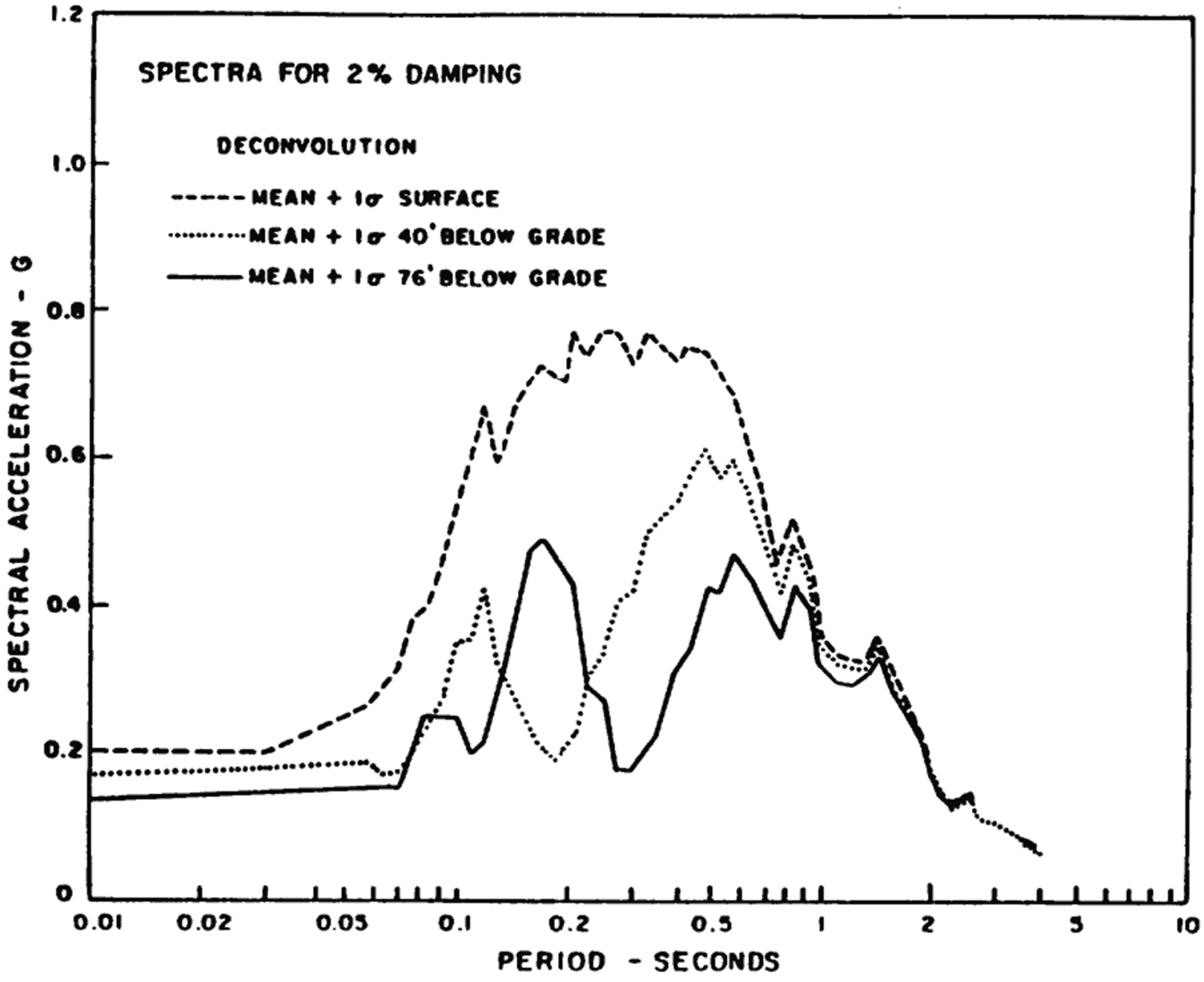
SOUTHERN COMPANY *Energy to Serve Your World®*	VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
		FIGURE 3D–122



VARIATION OF MEAN PEAK ACCELERATION WITH DEPTH OF DECONVOLUTION AND UPWARD PROPAGATION ANALYSES

REV 14 10/07

SOUTHERN COMPANY *Energy to Serve Your World®* VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
	FIGURE 3D–123



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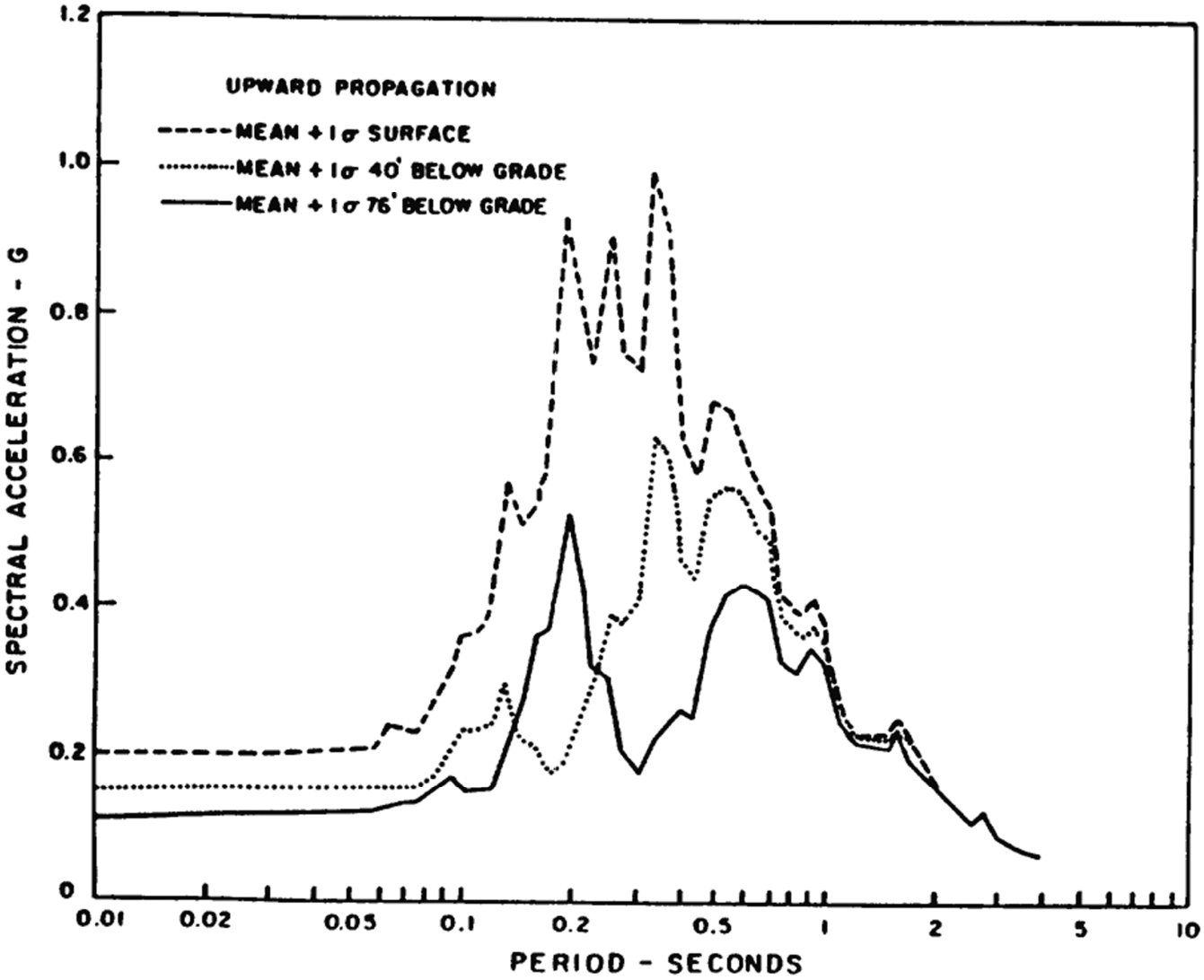
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALYSES

FIGURE 3D–124



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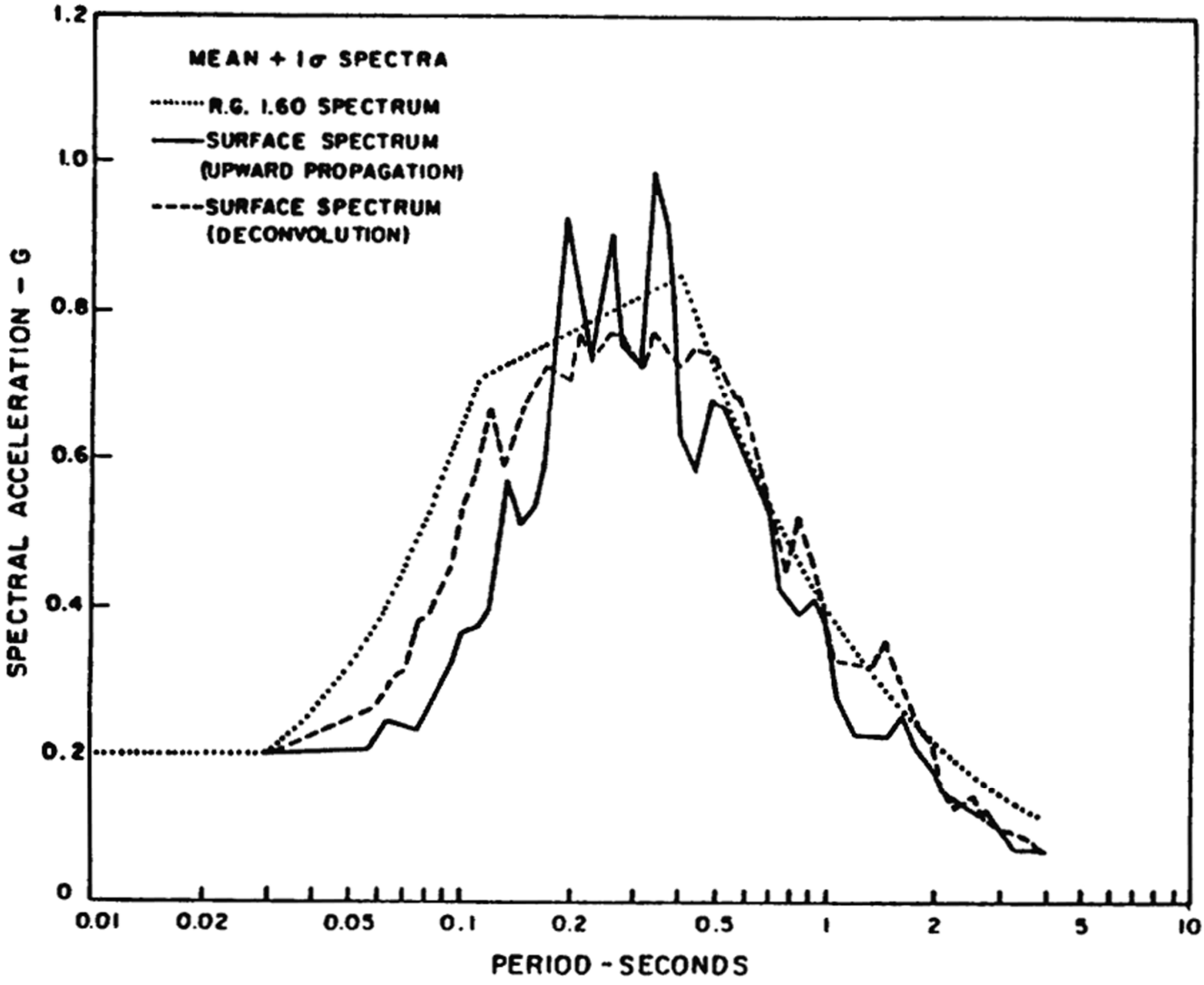
SOUTHERN COMPANY *Energy to Serve Your World®* VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
	FIGURE 3D–125



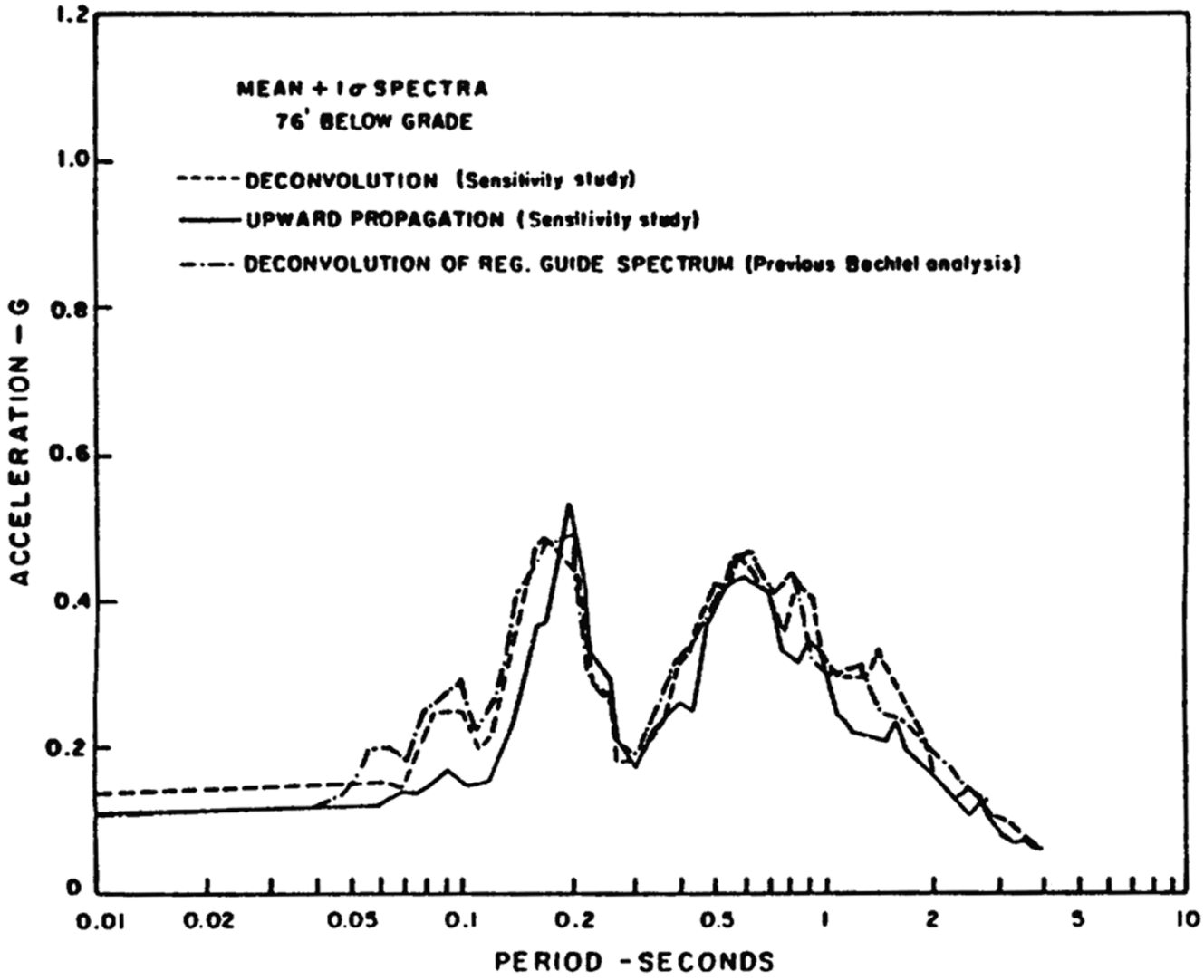
REV 14 10/07

SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

GROUND MOTION ANALSES

FIGURE 3D–126



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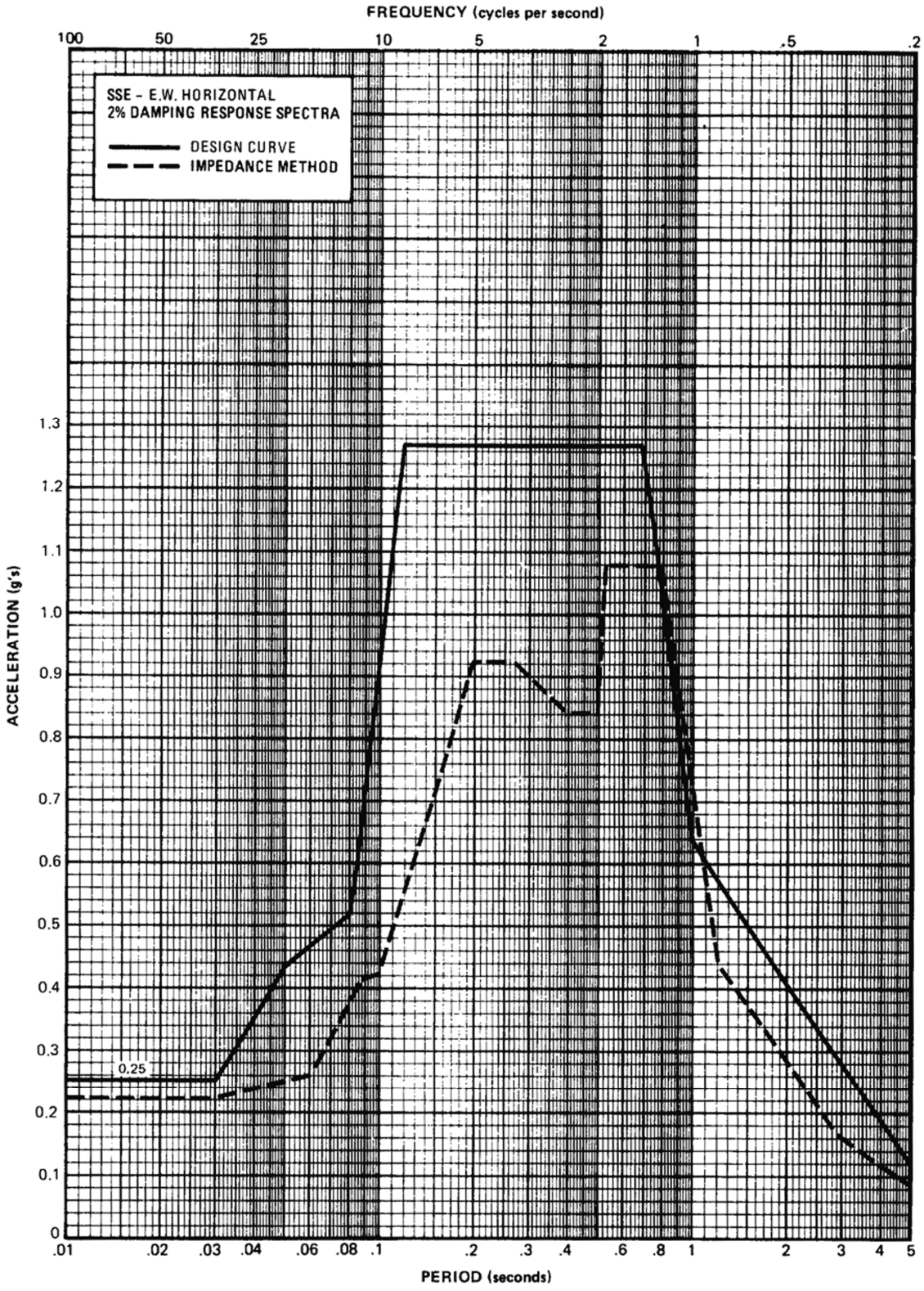
SOUTHERN COMPANY *Energy to Serve Your World®* VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2	GROUND MOTION ANALYSES
	FIGURE 3D–127



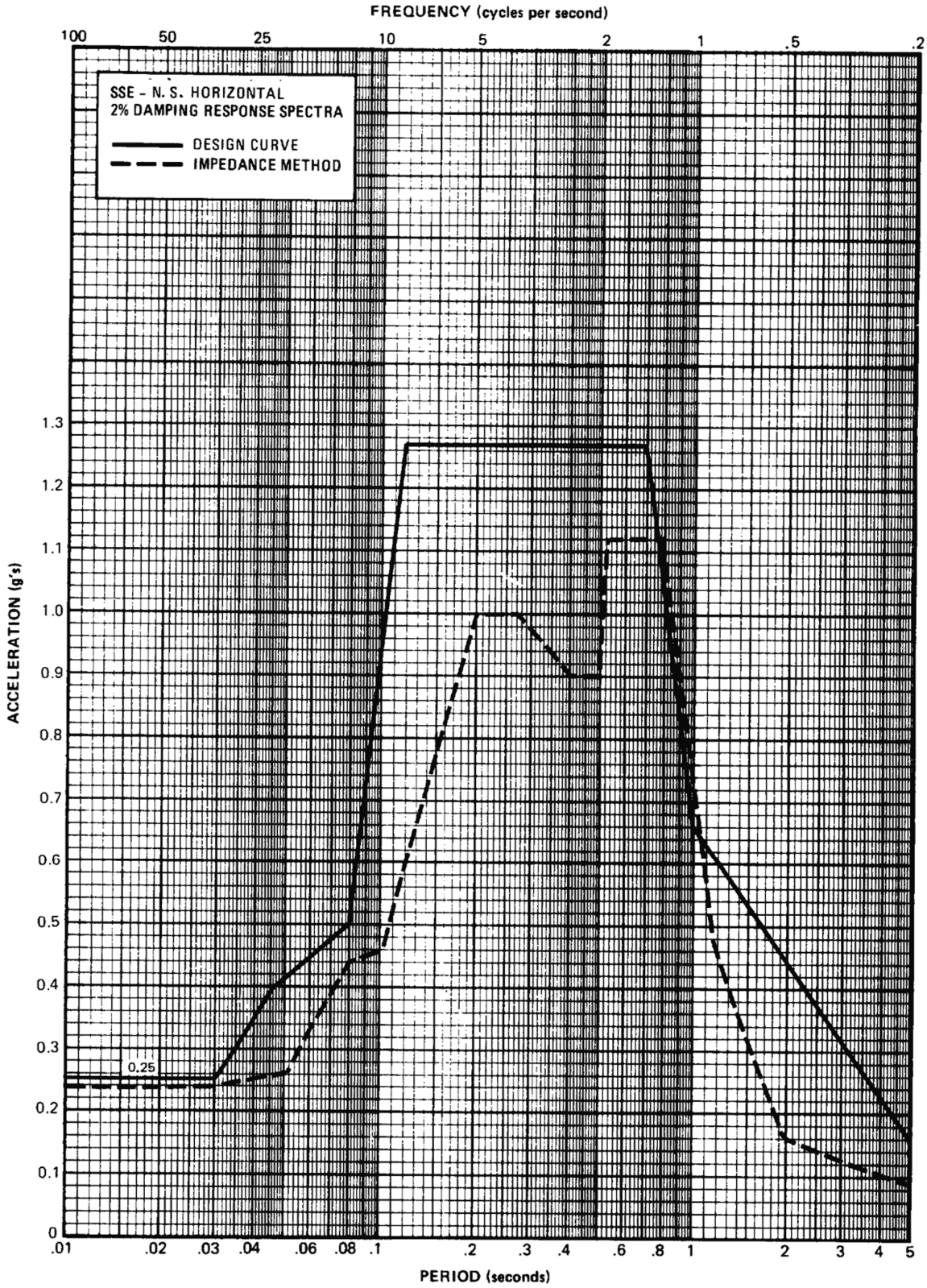
REV 14 10/07

SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

CONTAINMENT BUILDING
EL. 169 FT. BASEMAT

FIGURE 3D–128



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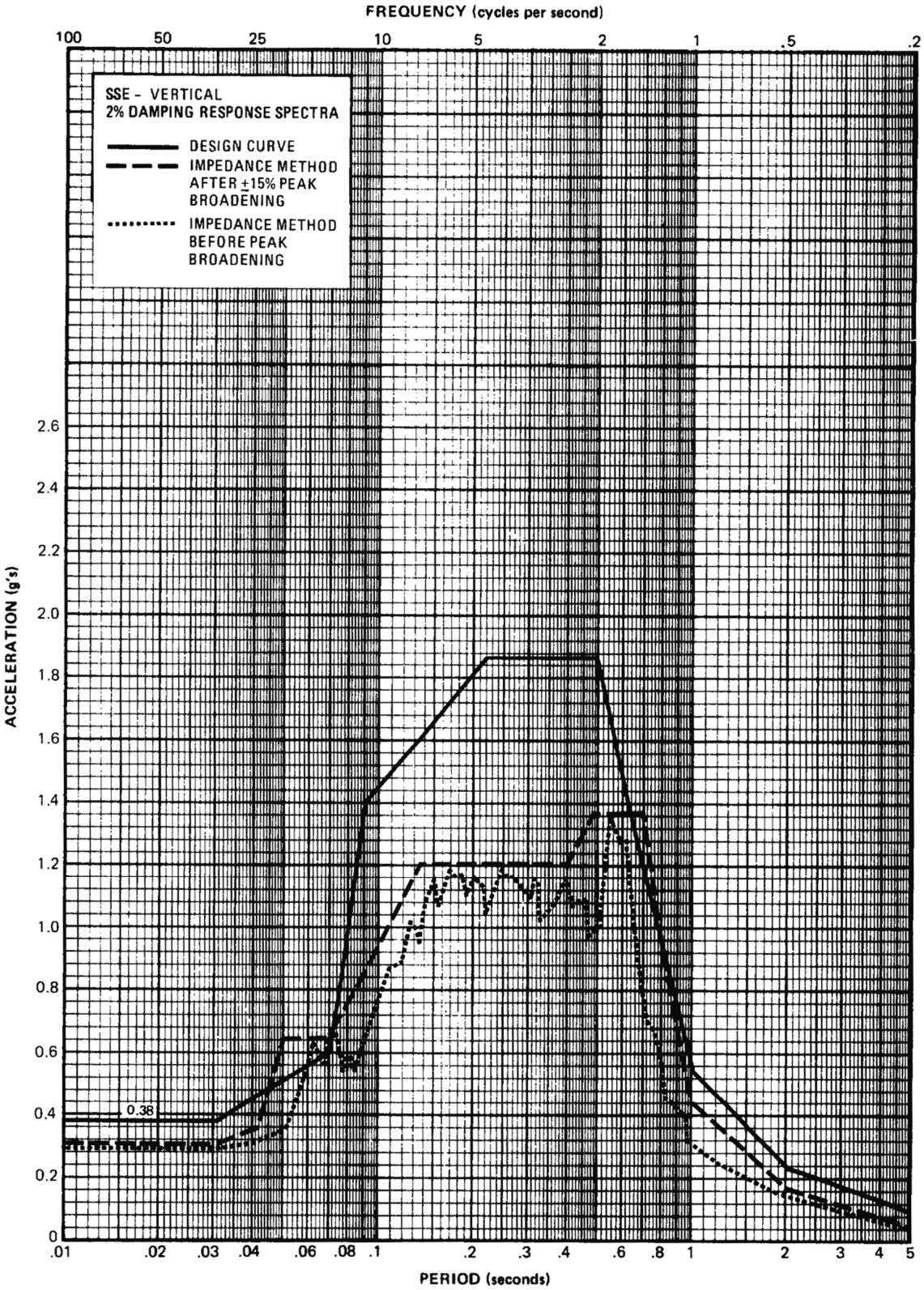
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

CONTAINMENT BUILDING
EL. 169 FT. BASEMAT

FIGURE 3D–129



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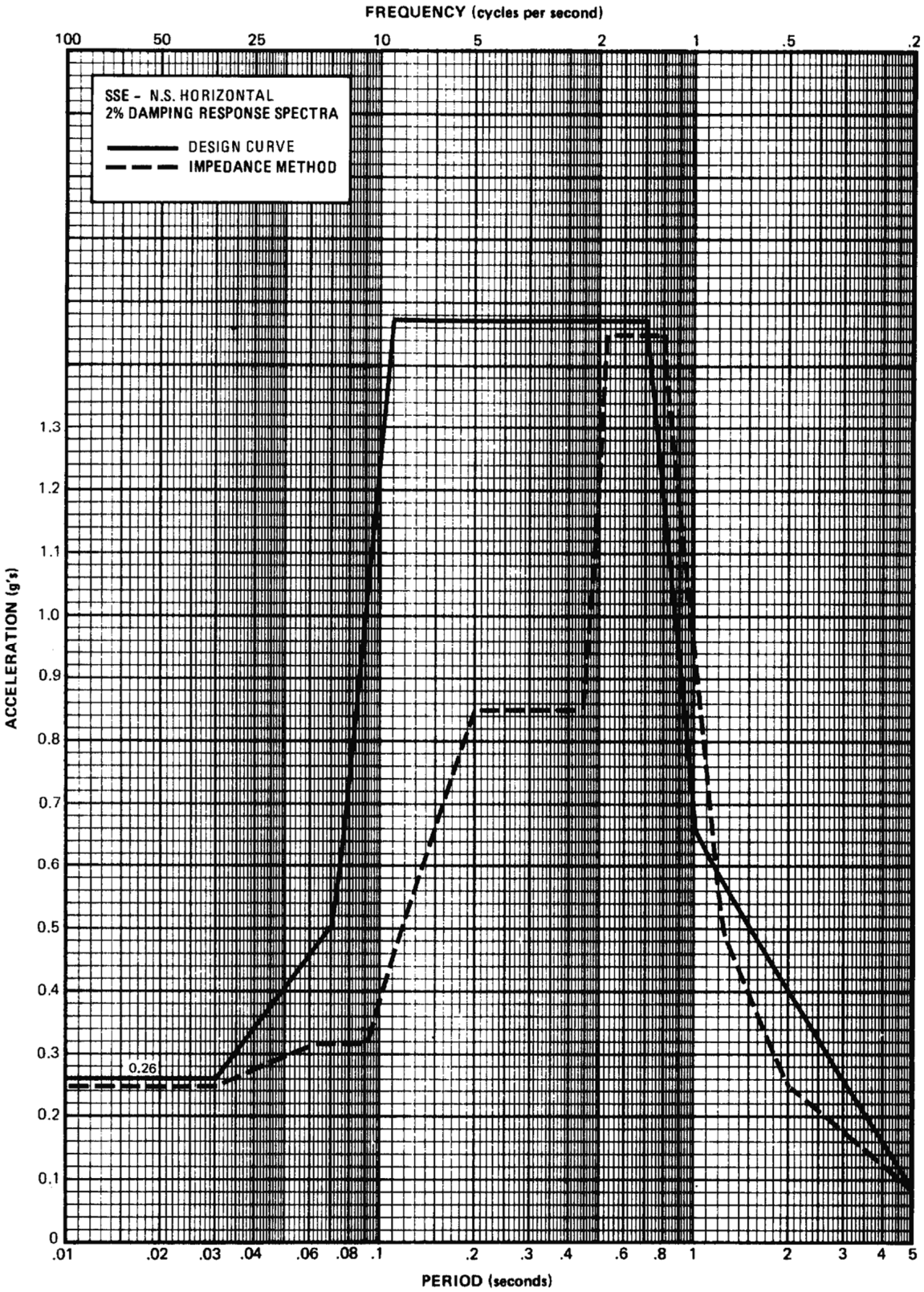
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

CONTAINMENT BUILDING
EL. 169 FT. BASEMAT

FIGURE 3D–130



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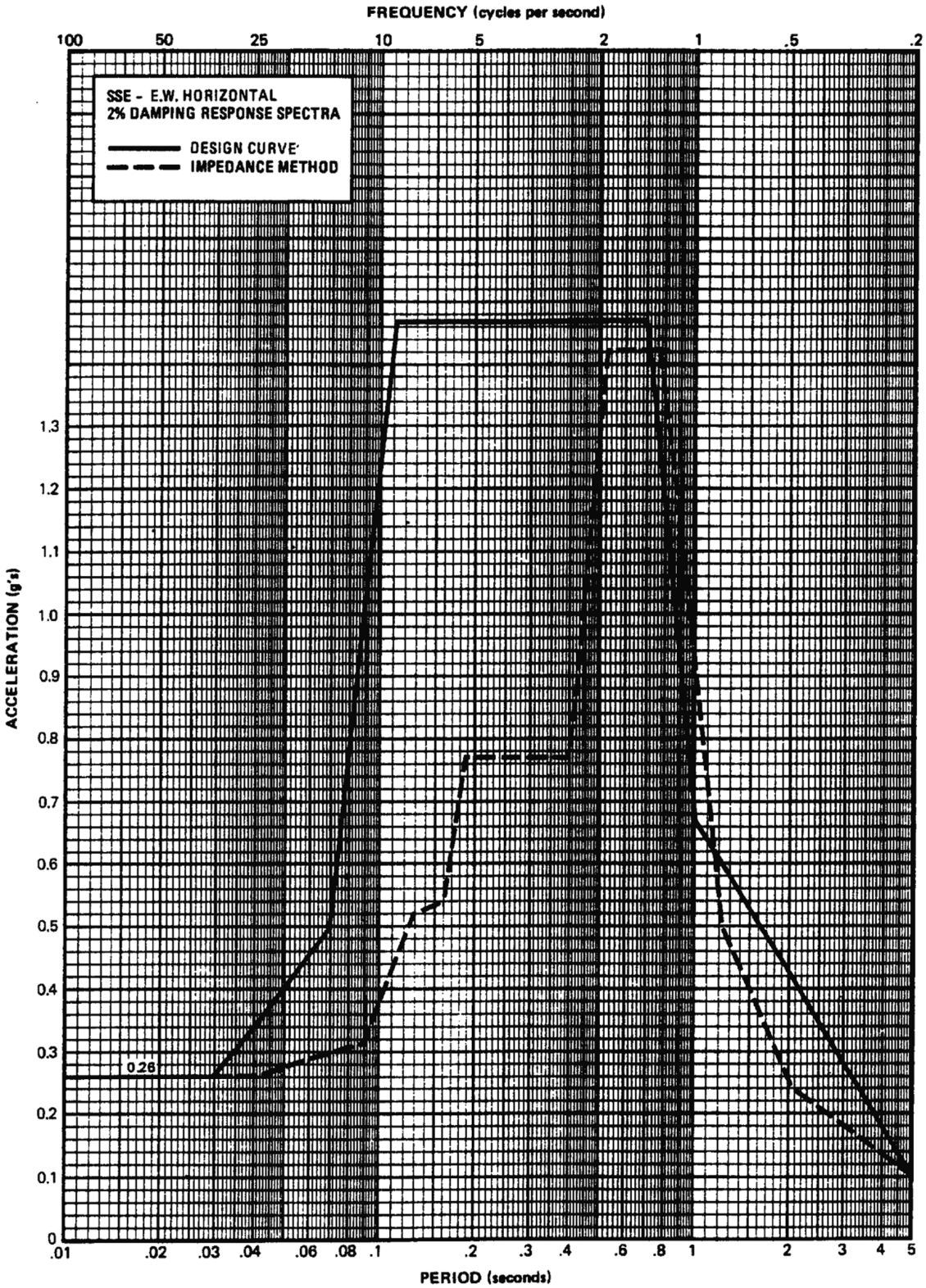
SOUTHERN COMPANY
Energy to Serve Your World®

VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

CONTAINMENT BUILDING
EL. 195 FT. INTERNAL STR.

FIGURE 3D–131



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SOUTHERN COMPANY
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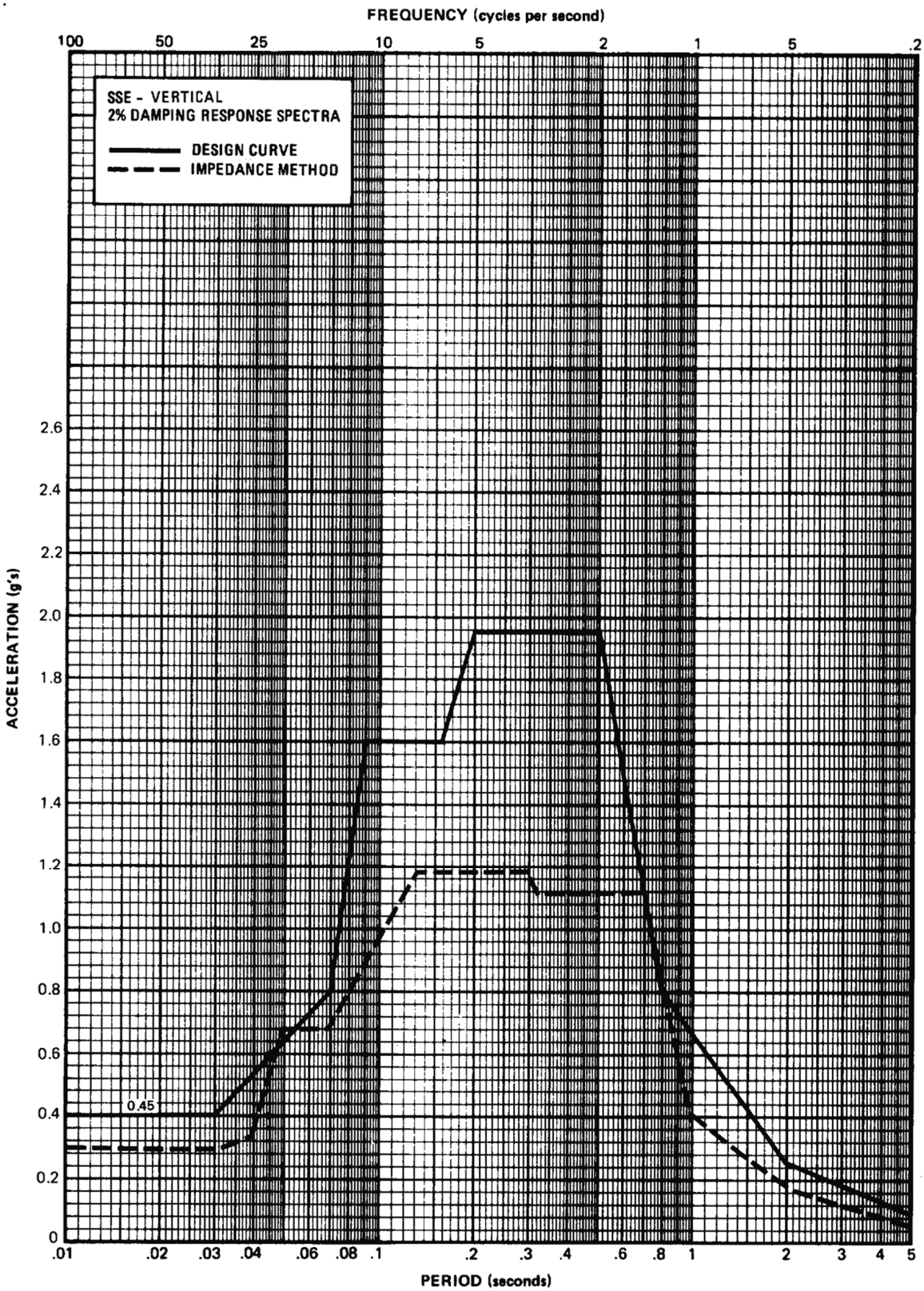
VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

CONTAINMENT BUILDING
EL. 195 FT. INTERNAL STR.

FIGURE 3D–132



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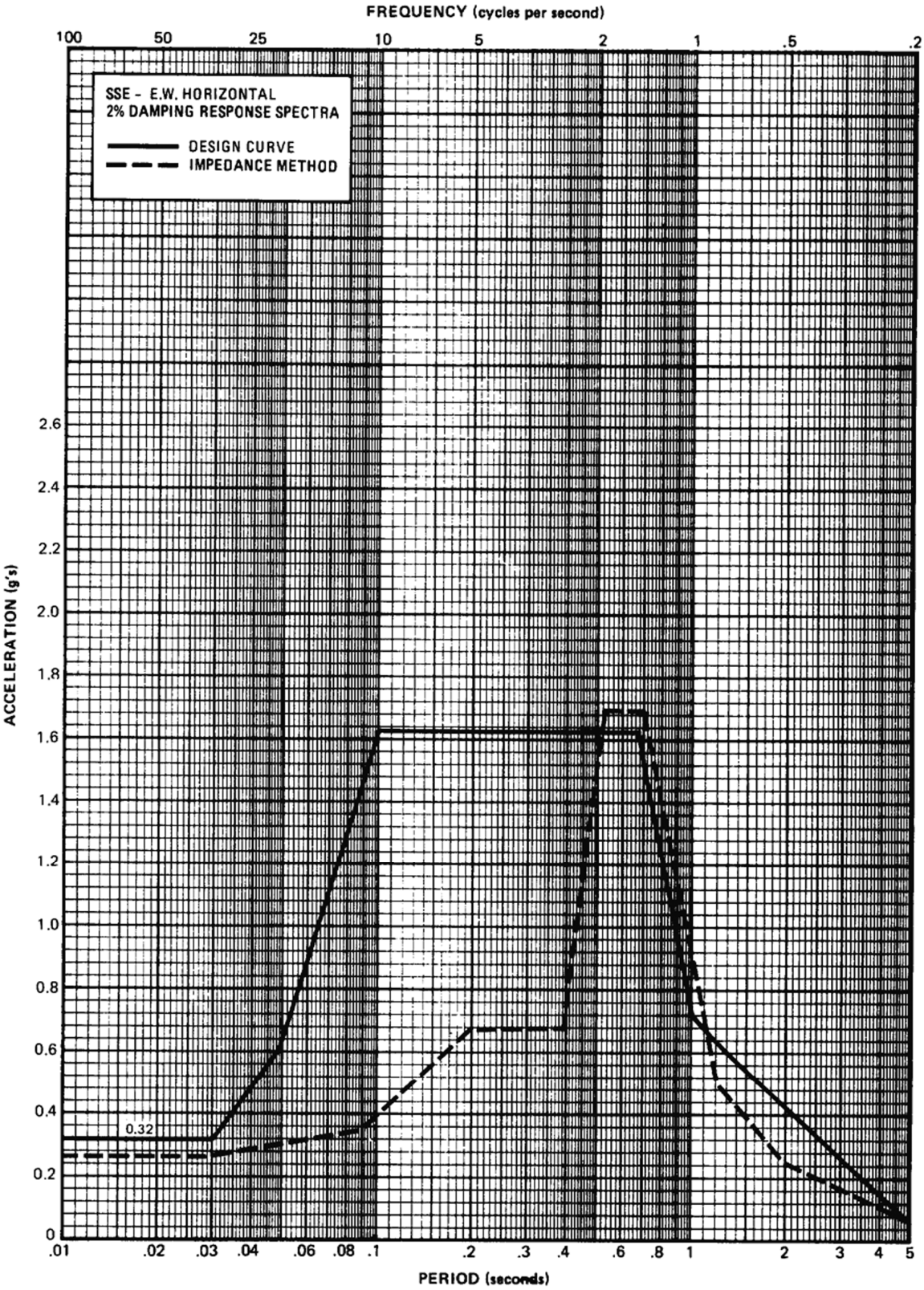
SOUTHERN COMPANY *Energy to Serve Your World®* **VOGTLE** **ELECTRIC GENERATING PLANT** **UNIT 1 AND UNIT 2**	CONTAINMENT BUILDING EL. 195 FT. INTERNAL STR. FIGURE 3D–133



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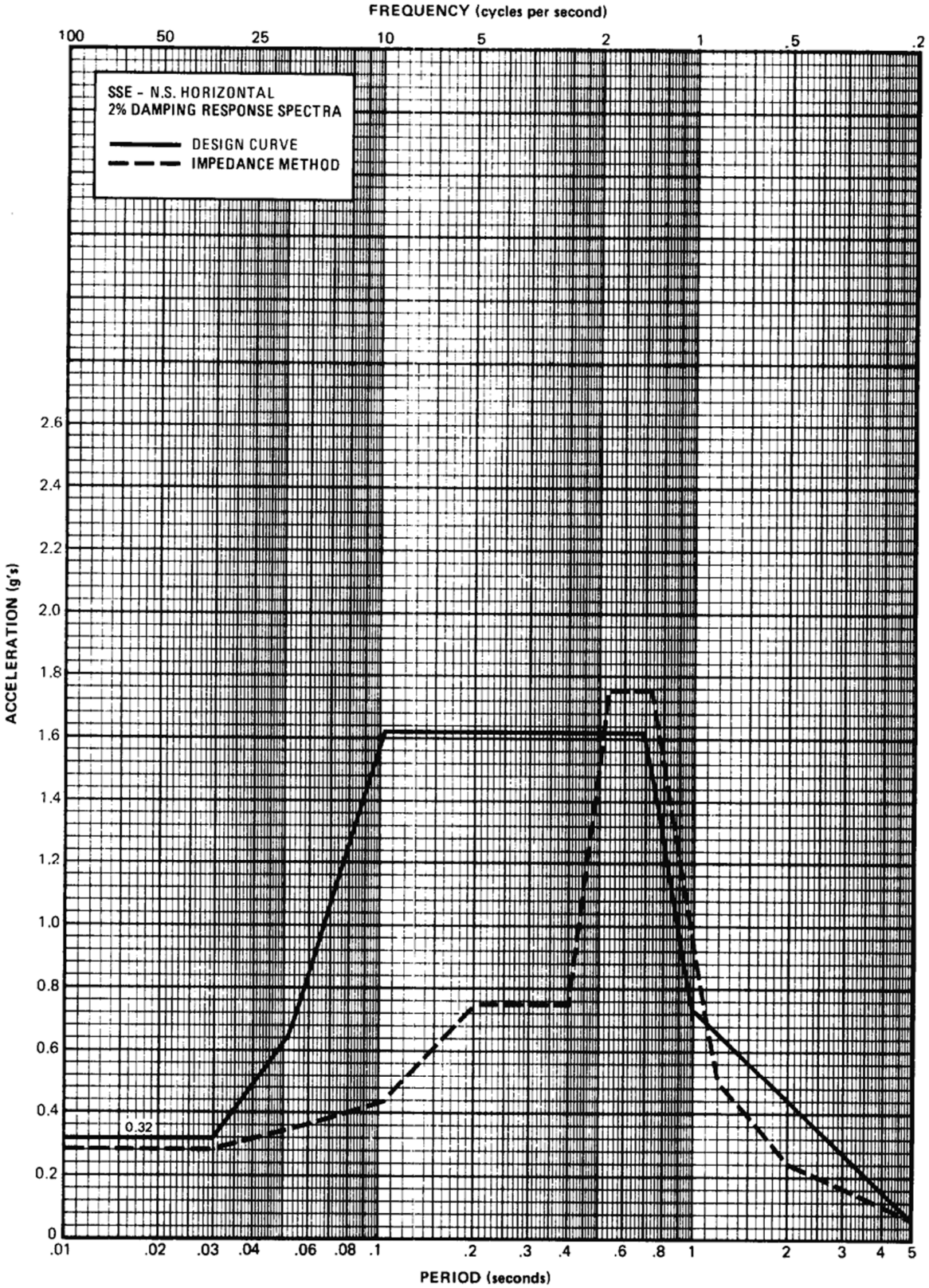
SOUTHERN COMPANY *Energy to Serve Your World®* **VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2**	CONTAINMENT BUILDING EL. 220 FT. OPERATING LVL.
	FIGURE 3D–134



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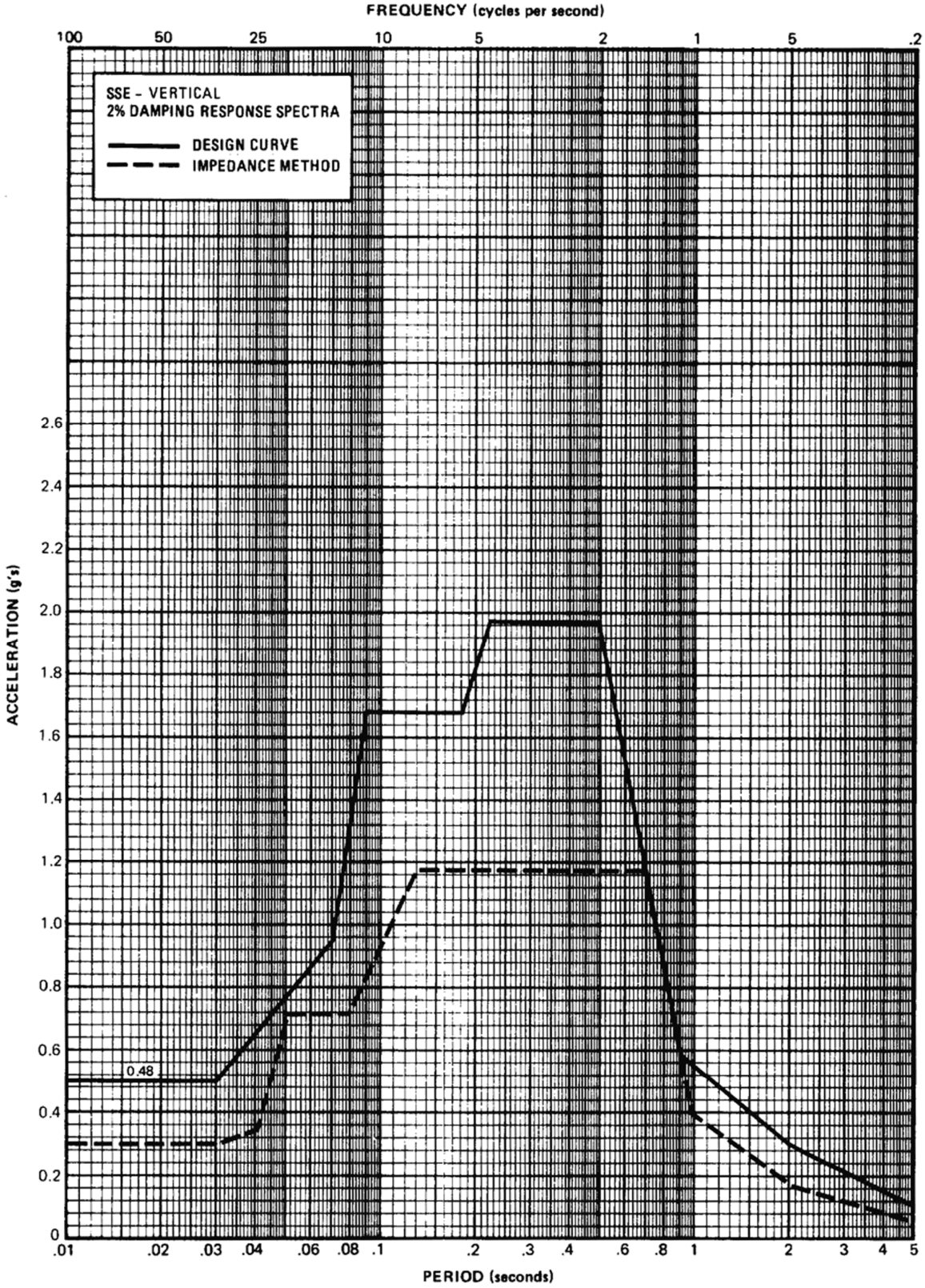
VOGTLE
ELECTRIC GENERATING PLANT
UNIT 1 AND UNIT 2

CONTAINMENT BUILDING
EL. 220 FT. OPERATING LVL.

FIGURE 3D–135



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SOUTHERN COMPANY *Energy to Serve Your World®* **VOGTLE ELECTRIC GENERATING PLANT UNIT 1 AND UNIT 2**	CONTAINMENT BUILDING EL. 220 FT. OPERATING LVL.
	FIGURE 3D–136