

ILLINOIS POLLUTION CONTROL BOARD
October 10, 1991

SHELL OIL COMPANY,)
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)
) Petitioner,)
)
) v.) PCB 88-188
) (Variance)
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) ILLINOIS ENVIRONMENTAL
) PROTECTION AGENCY,
)
)
) Respondent.)

ORDER OF THE BOARD (by J.D. Dumelle):

This matter is before the Board on Shell Oil Company's ("Shell") September 18, 1991 motion to modify its variance compliance plan. On November 29, 1990 this Board granted Shell's Wood River Manufacturing Company ("WRMC") a variance from 35 Ill. Adm. Code section 901.102(a) and 901.103. Shell submits that it is committed to achieving noise reduction by the date set out in the variance (December 21, 1991), but that as work has progressed on its compliance plan, Shell has discovered that a technical modification will be necessary. Accordingly, Shell seeks to substitute technically equivalent noise abatement measures pursuant to 35 Ill. Adm. Code Sections 101.241 and 101.301(b).

Specifically, Shell proposes to alter the commitments of project number two found on page 6 of our November 29, 1990 Order. The company will restore the forced draft fan system to operation at the CR-3 unit in order to allow the natural draft plenums to be closed. This will silence the secondary burner noise at each of the connected CR-3 process heaters. Shell will leave the rest of the preheat system, including the indirect draft fan, idle. The company maintains that this alternative will provide a lower sound level from the CR-3 unit than the compliance plan originally proposed and adopted by this Board because the dominant noise generating unit will remain off-line.

Shell suggests that this language be adopted in lieu of project number two found on page 6 of the Board's November 29, 1990 order:

<u>NOISE SOURCE</u>	<u>NOISE ABATEMENT</u>
ID Fan	Install outlet duct silencer, replace fan, replace seals on the air preheater; or, in the alternative, leave the fan idle.
H-2 Burners	Restore air preheat system forced draft (FD) fan to operation.
H-4 Burners	Restore air preheat system forced draft (FD) fan to operation.

