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Subject: EP HISTORY

Here's what I've been able to put together. As you can see it is not a pretty picture. I believe this should give you a feel for what has been done in the past. Let me know if you need more information.

EP HISTORY

Humbolt Bay - Shutdown 1976 -Had no EP while operating

La Crosse - Shutdown 1987 -EP relief given based only on consideration of DBAs - zirconium fires not considered

Rancho Seco - Shutdown 1989 - EP relief given based only on consideration of DBAs - zirconium fires not considered

Ft. St. Vrain - Shutdown 1989 -EP relief given based only on consideration of DBAs - zirconium fires not considered

Dick Dudley said that up until this time (~1990) they only considered DBAs and then RES told them that they could have the zirconium fire and it should be considered. Based on this they started looking at zirconium fires. As indicated below, Trojan tried using SFUEL but had problems. After that they started developing the code SHARP which we (DSSA) have found problems with.

Yankee Rowe - Shutdown 1991 -EP considered zirconium fire to some extent but granted EP relief based on fact that plant had low density racks

Trojan - Shutdown 1992 - Considered zirconium fire - tried to use SFUEL to prove 565 °C criteria met but had problems - EP relief was granted based on SFP fragility analysis

SONGS 1 - Shutdown 1992 - Full EP maintained due to SONGS 2&3 remaining operational

Haddam Neck - Shutdown 1996 -EP relief granted based on meeting 565 °C criteria

Maine Yankee - Shutdown 1996 -EP relief granted based on meeting 10 hour criteria

Millstone 1 - Shutdown 1995 -Full EP maintained due to Millstone 2&3 remaining operational

Zion 1&2 - Shutdown 1996/7 - EP relief granted based on meeting 565 °C criteria

Big Rock Point - Shutdown 1997 -EP relief granted based on meeting 10 hour criteria

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